iPod touch
User Guide

For iOS 7 Software

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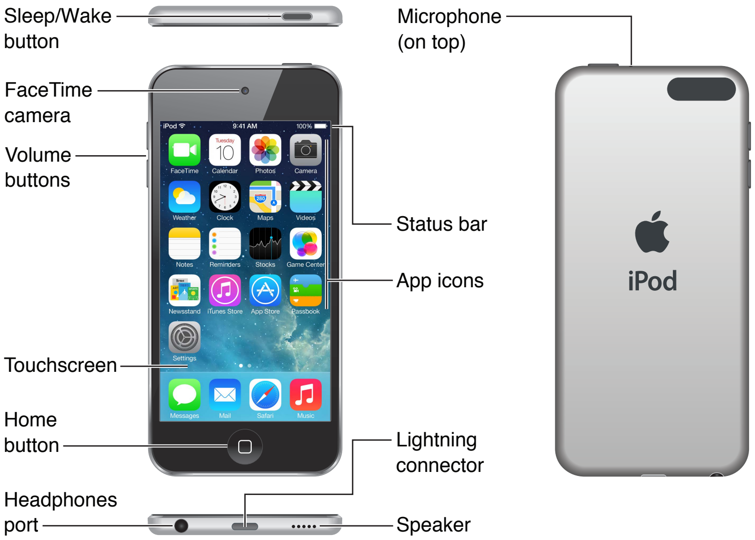
iPod touch at a Glance

1

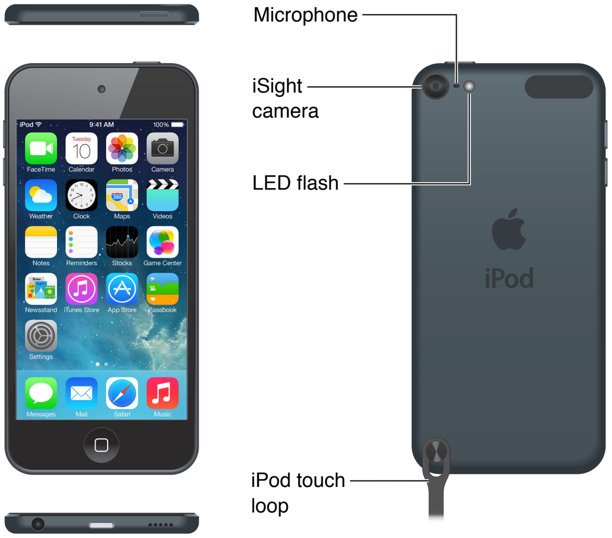
iPod touch overview

This guide describes the features of iOS 7 and iPod touch 5th generation.

iPod touch 5th generation (16 GB)


Sleep/Wake button
FaceTime camera
Volume buttons
Touchscreen
Home button
Headphones port
Microphone (on top)
Status bar
App icons
Lightning connector
Speaker
iPod

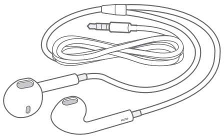
iPod touch 5th generation (32 GB or more)


Microphone
iSight camera
LED flash
iPod touch loop
iPod

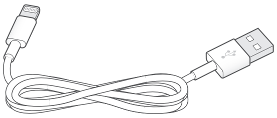
iPod touch apps and features may vary based on your location, language, and model of iPod touch. To find out which features are supported in your area, see www.apple.com/ios/feature-availability.

Accessories

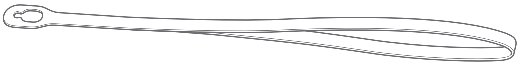
The following accessories are included with iPod touch:



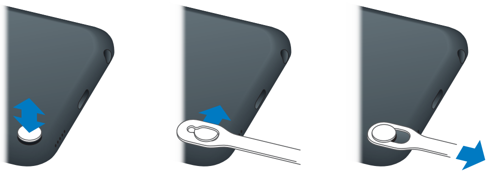
Apple EarPods. Use the Apple EarPods to listen to music, videos, audiobooks, podcasts, and games.



Connecting cable. Using the Lightning to USB Cable, connect iPod touch to your computer to sync and charge, or to the USB power adapter (sold separately) to charge.



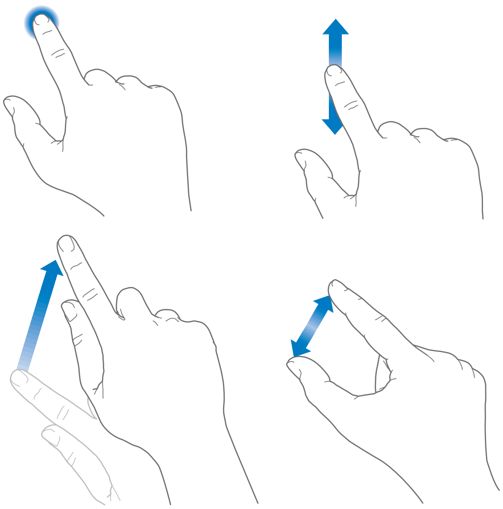
iPod touch loop (available for models with 32 GB or more). Attach for an easy and secure way to carry iPod touch. Press the button on the back of iPod touch to pop it up, slip the loop tab over the button, then pull the loop to snap it in place.



WARNING: For important information about using the iPod touch loop, see Important safety information on page 124.

Multi-Touch screen

The Multi-Touch screen displays a wealth of info, entertainment, and creativity, all at your fingertips. A few simple gestures—tap, drag, swipe, and pinch—are all you need to explore and use iPod touch apps.

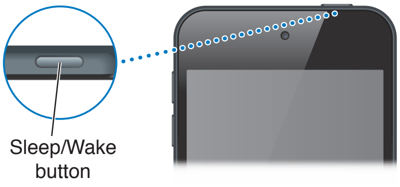


Buttons

Most of the buttons you use with iPod touch are virtual ones on the touchscreen. A few physical buttons control basic functions, such as turning on iPod touch or adjusting the volume.

Sleep/Wake button

When you're not using iPod touch, press the Sleep/Wake button to lock iPod touch. Locking iPod touch puts the display in sleep, saves the battery, and prevents anything from happening if you touch the screen. You can still listen to music and adjust the volume using the buttons on the side of iPod touch, and receive FaceTime calls, text messages, alarms, notifications, and other updates.



iPod touch locks automatically if you don't touch the screen for a minute or so. You can adjust the timing in Settings > General > Auto-Lock.

Turn on iPod touch. Press and hold the Sleep/Wake button until the Apple logo appears.

- *Open Camera when iPod touch is locked:* Press the Sleep/Wake button or the Home button, then drag 📷 up.
- *Access the audio controls when iPod touch is locked:* Swipe up from the bottom edge of the screen to open Control Center.

Unlock iPod touch. Press the Sleep/Wake button or the Home button, then drag the slider.

Turn off iPod touch. Press and hold the Sleep/Wake button until the red slider appears, then drag the slider.

For additional security, you can require a passcode to unlock iPod touch. Go to Settings > General > Passcode Lock. See Use a passcode with data protection on page 31.

Home button

The Home button takes you to the Home screen and provides other convenient shortcuts. On the Home screen, tap any app to open it. See Start at home on page 18.

See apps you've opened. Double-click the Home button. See Start at home on page 18.

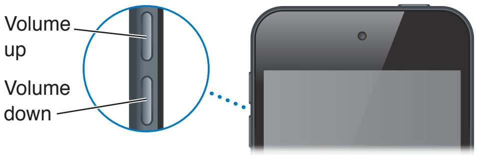
Use Siri or Voice Control. Press and hold the Home button. See Chapter 4, Siri, on page 35 and Voice Control on page 25.

In addition, you can use the Home button to turn accessibility features on or off. See Accessibility Shortcut on page 103.

Volume controls

When you listen to songs, movies, or other media, the buttons on the side of iPod touch adjust the audio volume. Otherwise, the buttons control the volume for alerts and other sound effects.

WARNING: For important information about avoiding hearing loss, see Important safety information on page 124.



Lock the ringer and alerts volume. Go to Settings > Sounds and turn off "Change with Buttons." To limit the volume for music and videos, go to Settings > Music > Volume Limit.

Note: In some European Union (EU) countries, iPod touch may warn that you're setting the volume above the EU recommended level for hearing safety. To increase the volume beyond this level, you may need to briefly release the volume control. To limit the maximum headset volume to this level, go to Settings > Music > Volume Limit. To prevent changes to the volume limit, go to Settings > General > Restrictions.

See the audio playback controls. When iPod touch is locked or when you're using another app, swipe up from the bottom edge of the screen to open Control Center.

Use Do Not Disturb. To silence FaceTime calls, alerts, and notifications, swipe up from the bottom edge of the screen to open Control Center, then tap ☾. See Do Not Disturb on page 28.

You can also use either volume button to take a picture or record a video. See Take photos and videos on page 68.

Status icons

The icons in the status bar at the top of the screen give information about iPod touch:

Status icon		What it means
📶	**Wi-Fi**	iPod touch is connected to the Internet over a Wi-Fi network. See Connect to Wi-Fi on page 13.
✳	**Network activity**	Shows that there's network activity. Some third-party apps may also use this icon to indicate an active process.
⟳	**Syncing**	iPod touch is syncing with iTunes.
✈	**Airplane mode**	Airplane mode is on—you cannot access the Internet or use Bluetooth® devices. Non-wireless features are available. See Travel with iPod touch on page 34.
☾	**Do Not Disturb**	"Do Not Disturb" is turned on. See Do Not Disturb on page 28.
VPN	**VPN**	You're connected to a network using VPN. See VPN settings on page 128.
🔒	**Portrait orientation lock**	The iPod touch screen is locked in portrait orientation. See Change the screen orientation on page 20.
⏰	**Alarm**	An alarm is set. See Alarms and timers on page 74.
➤	**Location Services**	An item is using Location Services. See Privacy on page 31.
ᛒ	**Bluetooth®**	*Blue or white icon:* Bluetooth is on and paired with a device, such as a headset. *Gray icon:* Bluetooth is on. If paired with a device, the device may be out of range or turned off. *No icon:* Bluetooth is turned off. See Bluetooth devices on page 30.
▯	**Bluetooth battery**	Shows the battery level of a supported paired Bluetooth device.
🔋	**Battery**	Shows the iPod touch battery level or charging status. See Charge and monitor the battery on page 33.

Getting Started

2

⚠ *WARNING:* To avoid injury, read Important safety information on page 124 before using iPod touch.

Set up iPod touch

With only a Wi-Fi connection, you can easily set up and activate iPod touch. You can also set up iPod touch by connecting to a computer and using iTunes (see the next section, Connect iPod touch to your computer). An Apple ID is recommended for many features, including iCloud, FaceTime, the App Store, and the iTunes Store.

Set up and activate iPod touch. Turn on iPod touch and follow the Setup Assistant.

The Setup Assistant steps you through the setup process, including:

- Connecting to a Wi-Fi network
- Signing in with or creating a free Apple ID (needed for many features, including iCloud, FaceTime, the App Store, and the iTunes Store)
- Entering a passcode
- Setting up iCloud
- Turning on recommended features such as Location Services and Find My iPod touch

  You can also restore from an iCloud or iTunes backup during setup.

Note: If you turn on Find My iPod touch during setup, Activation Lock will be turned on in order to help deter theft. See Find My iPod touch on page 32.

Connect iPod touch to your computer

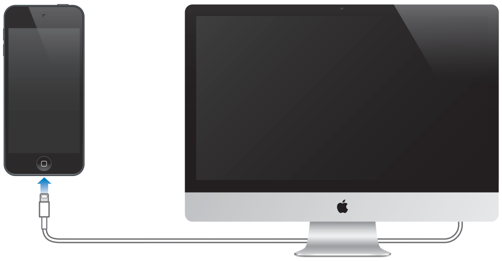
You can connect iPod touch to your computer to set it up. You also might need to connect it to complete wireless setup.

Connecting iPod touch to your computer lets you sync music, videos, and other information with iTunes. You can also sync content with your computer wirelessly. See Sync with iTunes on page 16.

To use iPod touch with your computer, you need:

- An Internet connection for your computer (broadband is recommended)
- A Mac or a PC with a USB 2.0 or 3.0 port and one of the following operating systems:
  - OS X v10.6.8 or later
  - Windows 8, Windows 7, Windows Vista, or Windows XP Home or Professional (with Service Pack 3 or later)

Connect iPod touch to your computer. Use the Lightning to USB Cable provided with iPod touch.



Connect to Wi-Fi

If 📶 appears in the status bar at the top of the screen, you're connected to a Wi-Fi network. iPod touch reconnects anytime you return to the same location.

Configure Wi-Fi. Go to Settings > Wi-Fi. You can:

- *Choose a network:* Tap one of the listed networks and enter the password, if asked.
- *Ask to join networks:* Turn "Ask to Join Networks" on to be prompted when a Wi-Fi network is available. Otherwise, you must manually join a network when a previously used network isn't available.
- *Forget a network:* Tap ⓘ next to a network you've joined before. Then tap "Forget this Network."
- *Join a closed Wi-Fi network:* Tap Other, then enter the name of the closed network. You must already know the network name, password, and security type to connect to a closed network.
- *Adjust the settings for a Wi-Fi network:* Tap ⓘ next to a network. You can set an HTTP proxy, define static network settings, turn on BootP, or renew the settings provided by a DHCP server.

Set up your own Wi-Fi network. If you have an unconfigured AirPort base station turned on and within range, you can use iPod touch to set it up. Go to Settings > Wi-Fi and look for "Set up an AirPort base station." Tap your base station and the Setup Assistant will do the rest.

Manage an AirPort network. If iPod touch is connected to an AirPort base station, go to Settings > Wi-Fi, tap ⓘ next to the network name, then tap Manage this Network. If you haven't yet downloaded AirPort Utility, tap OK to open the App Store and download it.

Connect to the Internet

iPod touch connects to the Internet by joining Wi-Fi networks. When joined to a Wi-Fi network that is connected to the Internet, iPod touch connects to the Internet automatically whenever you use Mail, Safari, FaceTime, Game Center, Stocks, Maps, Weather, the App Store, or the iTunes Store.

Set up mail and other accounts

iPod touch works with iCloud, Microsoft Exchange, and many of the most popular Internet-based mail, contacts, and calendar service providers.

You can set up a free iCloud account when you first set up iPod touch, or later in Settings. See iCloud on page 14.

Set up an account. Go to Settings > Mail, Contacts, Calendars > Add Account. You can also set up an iCloud account in Settings > iCloud.

You can add contacts using an LDAP or CardDAV account if your company or organization supports it. See Add contacts on page 97.

You can add calendars using a CalDAV calendar account, and you can subscribe to iCalendar (.ics) calendars or import them from Mail. See Use multiple calendars on page 60.

Apple ID

An Apple ID is the login you use for just about everything you do with Apple, including using iCloud to store your content, downloading apps from the App Store, and buying songs, movies, and TV shows from the iTunes Store.

You only need one Apple ID for everything you do with Apple. If you have an Apple ID, use it when you first set up iPod touch, and whenever you need to sign in to use an Apple service. If you don't already have an Apple ID, you can create one whenever you're asked to sign in.

Create an Apple ID. Go to Settings > iTunes & App Store and tap Sign In. (If you're already signed in and want to create another Apple ID, first tap your Apple ID, then tap Sign Out.)

For more information, see appleid.apple.com.

Manage content on your iOS devices

You can transfer information and files between your iOS devices and computers, using iCloud or iTunes.

- *iCloud* stores your photos, apps, contacts, calendars, and more, and wirelessly pushes them to your devices, keeping everything up to date. See iCloud below.
- *iTunes* syncs music, video, photos, and more between your computer and iPod touch. Changes you make on one device are copied to the other when you sync. You can also use iTunes to sync files and documents. See Sync with iTunes on page 16.

You can use iCloud or iTunes, or both, depending on your needs. For example, you can use iCloud to automatically send the photos you take on iPod touch to your other devices, and use iTunes to sync photo albums from your computer to iPod touch.

Important: If you use iCloud for syncing contacts, calendars, and notes, don't also use iTunes to sync those items. Otherwise, you might see duplicates.

You can also manually manage content from iTunes, in the device's Summary pane. This lets you add songs and videos, by choosing a song, video, or playlist from your iTunes library and then dragging it to your iPod touch in iTunes. This is useful if your iTunes library contains more items than can fit on your device.

iCloud

If you use the free iCloud account, iCloud stores your content, including music, photos, contacts, calendars, and supported documents. Content stored in iCloud is wirelessly pushed to your other iOS devices and computers set up with the same iCloud account.

iCloud is available on an iOS device with iOS 5 or later, on a Mac with OS X Lion v10.7.2 or later, and on a PC with the iCloud Control Panel for Windows (Windows 7 or Windows 8 is required).

Note: iCloud may not be available in all areas, and iCloud features may vary by area. For more information, go to www.apple.com/icloud.

iCloud features include:

- *iTunes in the Cloud*—Download your previous iTunes music and TV show purchases to iPod touch for free, anytime. With an iTunes Match subscription, all your music, including music you've imported from CDs or purchased somewhere other than iTunes, appears on all of your devices and can be downloaded and played, on demand. See iTunes Match on page 55.
- *Apps and Books*—Download your previous App Store and iBooks Store purchases to iPod touch for free, any time.
- *Photos*—Use My Photo Stream to send photos you take with your iPod touch to your other devices, automatically. Use iCloud Photo Sharing to share photos and videos with just the people you choose, and let them add photos, videos, and comments. See iCloud Photo Sharing on page 63 and My Photo Stream on page 64.
- *Documents in the Cloud*—For iCloud-enabled apps, keep documents and app data up to date across all your devices.
- *Mail, Contacts, Calendars*—Keep your mail contacts, calendars, notes, and reminders up to date across all your devices. If you use iCloud, don't also use iTunes to sync your contacts, calendars, and bookmarks to iPod touch.
- *Backup*—Back up iPod touch to iCloud automatically when connected to power and Wi-Fi. All iCloud data and backups sent over the Internet are encrypted. See Back up iPod touch on page 129.
- *Find My iPod*—Locate your iPod touch on a map, display a message, play a sound, lock the screen, or remotely wipe the data. Also lock the activation of iPod touch to your Apple ID account. Require your Apple ID and password before anyone can erase or reactivate your iPod touch. See Find My iPod touch on page 32.
- *iCloud Tabs*—See the webpages you have open on your other iOS devices or computers with OS X computers. See Chapter 7, Safari, on page 45.
- *Find My Friends*—Share your location with people who are important to you. Download the free app from the App Store.

With iCloud, you get a free mail account and 5 GB of storage for your mail, documents, and backups. Your purchased music, apps, TV shows, and books don't count against your available space.

Sign in or create an iCloud account, and set iCloud options. Go to Settings > iCloud.

Purchase additional iCloud storage. Go to Settings > iCloud > Storage & Backup, then tap Manage Storage. For information about purchasing iCloud storage, go to help.apple.com/icloud.

View and download previous purchase.

- *iTunes Store purchases:* You can access your purchased songs and videos in the Music and Videos apps. Or, in iTunes Store, tap More, then tap Purchased.
- *App Store purchases:* In App Store, tap Updates, then tap Purchased.
- *iBooks Store purchases:* In iBooks, tap Store, then tap Purchased.

Turn on Automatic Downloads for music, apps, or books. Go to Settings > iTunes & App Store.

For more information about iCloud, go to www.apple.com/icloud. For support information, go to www.apple.com/support/icloud.

Sync with iTunes

Syncing with iTunes copies information from your computer to iPod touch, and vice versa. You can sync by connecting iPod touch to your computer, or you can set up iTunes to sync wirelessly with Wi-Fi. You can set iTunes to sync photos, videos, podcasts, apps, and more. For help syncing iPod touch with your computer, open iTunes, then choose iTunes Help from the Help menu.

Sync wirelessly. Connect iPod touch. Then in iTunes on your computer, select your iPod touch, click Summary, and select "Sync with this iPod over Wi-Fi."

When Wi-Fi syncing is turned on, iPod touch syncs when it's connected to a power source, both iPod touch and your computer are connected to the same wireless network, and iTunes is open on the computer.

Tips for syncing with iTunes on your computer

Connect iPod touch to your computer, select it in iTunes, and set options in the different panes.

- In the Summary pane, you can set iTunes to automatically sync iPod touch when it's attached to your computer. To temporarily override this setting, hold down Command and Option (Mac) or Shift and Control (PC) until you see iPod touch appear in the iTunes window.
- In the Summary pane, select "Encrypt iPod backup" if you want to encrypt the information stored on your computer when iTunes makes a backup. Encrypted backups are indicated by a lock icon 🔒, and a password is required in order to restore the backup. If you don't select this option, other passwords (such as those for mail accounts) aren't included in the backup, and you'll have to reenter them if you use the backup to restore iPod touch.
- In the Info pane, when you sync mail accounts, only the settings are transferred from your computer to iPod touch. Changes you make to a mail account on iPod touch don't affect the account on your computer.
- In the Info pane, click Advanced to select options that let you *replace* the information on iPod touch with the information from your computer during the next sync.
- In the Photo pane, you can sync photos and videos from a folder on your computer.

If you use iCloud to store your contacts, calendars, and bookmarks, don't also sync them to iPod touch using iTunes.

Date and time

The date and time are usually set for you based on your location—take a look at the Lock screen to see if they're correct.

Set whether iPod touch updates the date and time automatically. Go to Settings > General > Date & Time, then turn Set Automatically on or off. If you set iPod touch to update the time automatically, it gets the correct time based on your Wi-Fi connection. In some cases, iPod touch may not be able to automatically determine the local time.

Set the date and time manually. Go to Settings > General > Date & Time, then turn off Set Automatically. Tap Time Zone to set your time zone. Tap the Date & Time button, then tap Set Date & Time

Set whether iPod touch shows 24-hour time or 12-hour time. Go to Settings > General > Date & Time, then turn 24-Hour Time on or off. (24-Hour Time may not be available in all areas.)

International settings

Go to Settings > General > International to set the following:

- The language for iPod touch
- The language for Voice Control
- The keyboards you use
- The region format (date, time, and telephone number)
- The calendar format

Your iPod touch name

The name of your iPod touch is used by both iTunes and iCloud.

Change the name of your iPod touch. Go to Settings > General > About > Name.

Viewing this user guide on iPod touch

You can view the *iPod touch User Guide* on iPod touch in Safari, and in the free iBooks app.

View the user guide in Safari. Tap 📖, then tap the iPod touch User Guide bookmark.

- *Add an icon for the user guide to the Home screen:* Tap ⍐, then tap "Add to Home Screen."
- *View the user guide in a different language:* Tap "Change Language" at the bottom of the home page.

Basics

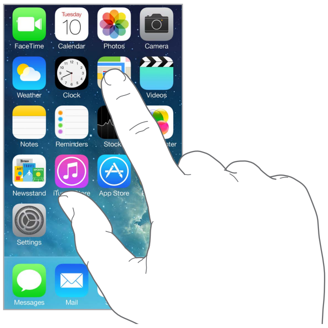
3

Use apps

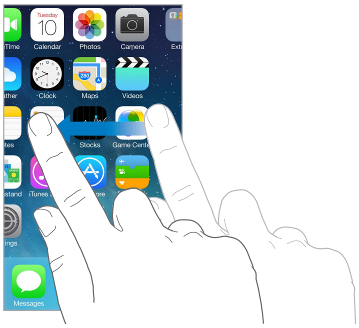
All the apps that come with iPod touch—as well as the apps you download from the App Store—are on the Home screen.

Start at home

Tap an app to open it.

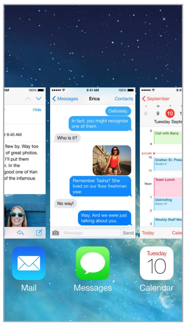

Tuesday
10
FaceTime
Calendar
Photos
Camera
Weather
Clock
Videos
Notes
Reminders
Newsstand
App Store
Settings
Messages
Mail

Press the Home button anytime to return to the Home screen. Swipe left or right to see other screens.


Tuesday
10
Calendar
Photos
Camera
Clock
Maps
Videos
Stocks
Messages

iPod touch lets you run many apps at the same time.

View your running apps. Double-click the Home button. Swipe left or right to see more. To switch to another app, tap it.

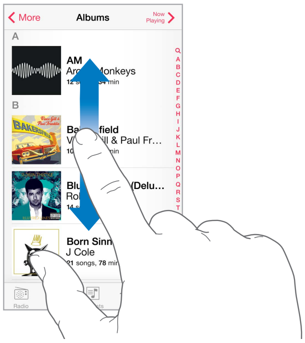


Quit an app. If an app isn't working properly, you can force it to quit in the multi-tasking display by swiping up. Then try opening it again.

If you have lots of apps, you can use Spotlight to find and open them. Pull down the center of the Home screen to get the search field. See Search on page 26.

Look around

Drag a list up or down to see more. Swipe to scroll quickly; touch the screen to stop it. Some lists have an index—tap a letter to jump ahead.

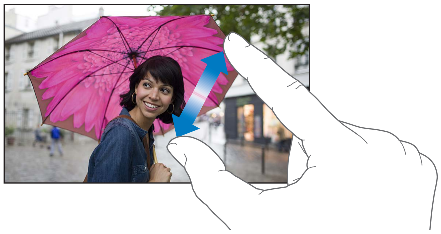


Drag a photo, map, or webpage in any direction to see more.

To quickly jump to the top of a page, tap the status bar at the top of the screen.

Get a closer look

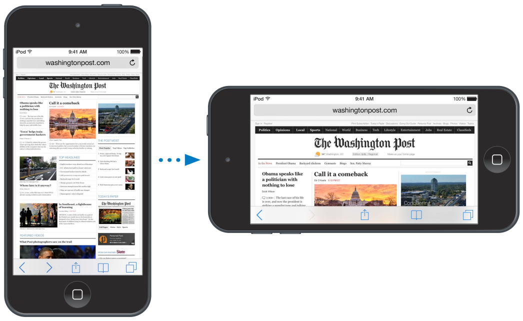
Stretch a photo, webpage, or map for a close-up—then pinch to zoom back out. In Photos, keep pinching to see the collection or album the photo's in.



Or double-tap a photo or webpage to zoom in, and double-tap again to zoom out. In Maps, double-tap to zoom in and tap once with two fingers to zoom out.

Change the screen orientation

Many apps give you a different view when you rotate iPod touch.

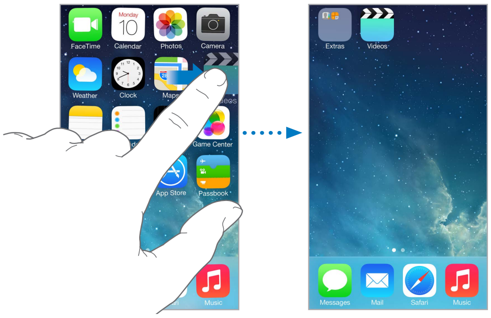

iPod
9:41 AM
100%
washingtonpost.com
The Washington Post
Call it a comeback

To lock the screen in portrait orientation, swipe up from the bottom edge of the screen to open Control Center, then tap 🔒.

Customize iPod touch

Arrange your apps

Arrange apps. Touch and hold any app on the Home screen until it jiggles, then drag apps around. Drag an app to the edge of the screen to move it to a different Home screen, or to the Dock at the bottom of the screen. Press the Home button to save your arrangement.

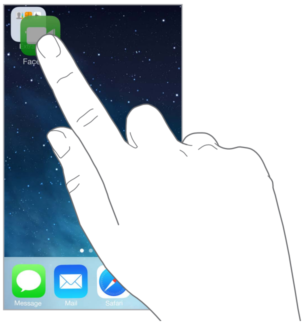

FaceTime
Monday 10
Calendar
Photos
Camera
Weather
Clock
Maps
Game Center
App Store
Passbook
Music
Extras
Videos
Messages
Mail
Safari
Music

Create a new Home screen. While arranging apps, drag an app to the right edge of the last Home screen. The dots above the Dock show how many Home screens you have, and which one you're viewing.

You can also customize the Home screen using iTunes when iPod touch is connected to your computer. In iTunes, select iPod touch, then click the Apps button.

Start over. Go to Settings > General > Reset, then tap Reset Home Screen Layout to return the Home screen and apps to their original layout. Folders are removed and the original wallpaper is restored.

Organize with folders



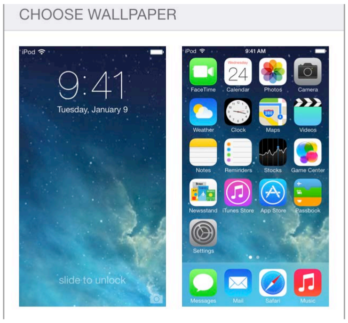
Create a folder. While arranging apps, drag one app onto another. Tap the name of the folder to rename it. Drag apps to add or remove them. Press the Home button when you finish.

You can have multiple pages of apps in a folder.

Delete a folder. Drag out all the apps—the folder deletes automatically.

Change the wallpaper

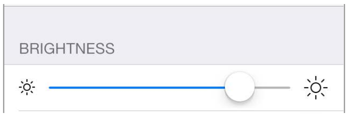
Wallpaper settings let you set an image or photo as wallpaper for the Lock screen or Home screen.


CHOOSE WALLPAPER
9:41
Tuesday, January 9
slide to unlock
FaceTime
Calendar
Photos
Camera
Weather
Clock
Maps
Videos
Notes
Reminders
Stocks
Game Center
Newsstand
iTunes Store
App Store
Passbook
Settings
Messages
Mail
Safari
Music

Change the wallpaper. Go to Settings > Brightness & Wallpaper.

Adjust the brightness

Dim the screen to extend battery life.

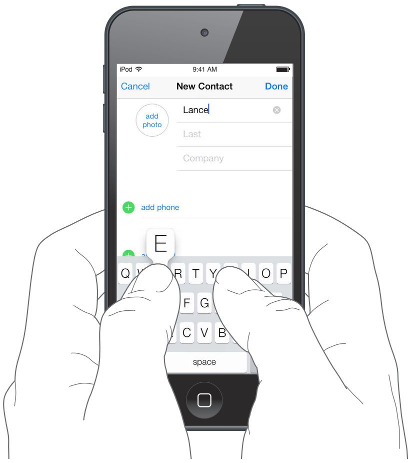

BRIGHTNESS

Adjust the screen brightness. Go to Settings > Brightness & Wallpaper and drag the slider. You can also adjust the screen brightness in Control Center.

Type text

The onscreen keyboard lets you enter text when needed.

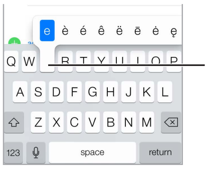
Enter text


iPod
9:41 AM
Cancel
New Contact
Done
add photo
Lance
Last
Company
add phone
E
Q
R
T
Y
O
P
F
G
C
V
B
space

Tap a text field to see the onscreen keyboard, then tap letters to type. If you touch the wrong key, you can slide your finger to the correct key. The letter isn't entered until you release your finger from the key.

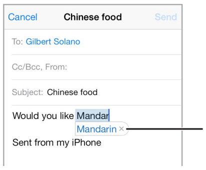
You can also use an Apple Wireless Keyboard to enter text. See Use an Apple Wireless Keyboard on page 23. To dictate instead of typing, see Dictate on page 24.

Tap Shift to type uppercase, or touch the Shift key and slide to a letter. Double-tap Shift for caps lock. To enter numbers, punctuation, or symbols, tap the Number key 123 or the Symbol key #+=. To quickly end a sentence with a period and a space, just double-tap the space bar.


e è é ê ë ē ė ę
Q W R T Y U I O P
A S D F G H J K L
Z X C V B N M
123
space
return

To type an alternate character, touch and hold a key, then slide to choose one of the options.

Depending on the app and language you're using, iPod touch may correct misspellings and anticipate what you're typing. Accept a suggestion by entering a space or punctuation, or by tapping return. To reject a suggestion, tap the "x." If you reject the same suggestion a few times, iPod touch stops suggesting it. If you see a word underlined in red, tap it to see suggested corrections. If the word you want doesn't appear, type the correction.


Cancel
Chinese food
Send
Cc/Bcc, From:

To: Gilbert Solano

Subject: Chinese food

Would you like Mandar

Mandarin ×

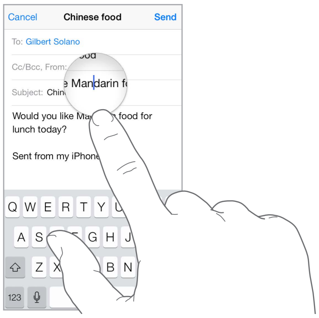
Sent from my iPhone

Suggested word

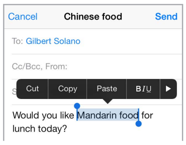
To set options for typing, go to Settings > General > Keyboard.

Edit text

Revise text. Touch and hold the text to show the magnifying glass, then drag to position the insertion point.


Cancel
Chinese food
Send
To: Gilbert Solano
Cc/Bcc, From:
Subject: Chin
Mandarin f
Would you like Ma
food for
lunch today?
Sent from my iPhone
Q W E R T Y U
A S G H J
Z X B N
123

Select text. Tap the insertion point to display the selection options. Or double-tap a word to select it. Drag the grab points to select more or less text. In read-only documents, such as webpages, touch and hold to select a word.


Cancel
Chinese food
Send
Cut
Copy
Paste
B I U

To: Gilbert Solano

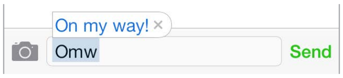
Cc/Bcc, From:

Would you like Mandarin food for lunch today?

You can cut, copy, or paste over selected text. With some apps, you can also get bold, italic, or underlined text (tap B/I/U); get the definition of a word; or have iPod touch suggest an alternative. Tap ▶ to see all the options.

Undo the last edit. Shake iPod touch, then tap Undo.

Save keystrokes


On my way! ×
Omw
Send

A shortcut lets you enter a word or phrase by typing just a few characters. For example, type "omw" to enter "On my way!" That one's already set up for you—to add more, go to Settings > General > Keyboard.

Create a shortcut. Go to Settings > General > Keyboard, then tap Add New Shortcut.

Have a word or phrase you use and don't want it corrected? Create a shortcut, but leave the Shortcut field blank.

Use iCloud to keep your personal dictionary up to date on your other devices. Go to Settings > iCloud, then turn on Documents & Data.

Use an Apple Wireless Keyboard

You can use an Apple Wireless Keyboard (available separately) to enter text on your iPod touch. The keyboard connects via Bluetooth, so you must first pair it with iPod touch.

Pair an Apple Wireless Keyboard with iPod touch. Turn on the keyboard, go to Settings > Bluetooth and turn on Bluetooth, then tap the keyboard when it appears in the Devices list.

Once it's paired, the keyboard reconnects to iPod touch whenever it's in range—up to about 30 feet (10 meters). When it's connected, the onscreen keyboard doesn't appear.

Save your batteries. Turn off Bluetooth and the wireless keyboard when not in use. To turn off the keyboard, hold down the On/off switch until the green light goes off.

To unpair a wireless keyboard, go to Settings > Bluetooth, tap ⓘ next to the keyboard name, then tap "Forget this Device."

See Bluetooth devices on page 30.

Add or change keyboards

You can turn typing features, such as spell checking, on or off; add keyboards for writing in different languages; and change the layout of your onscreen keyboard or Apple Wireless Keyboard.

Set typing features. Go to Settings > General > Keyboard.

Add a keyboard for another language. Go to Settings > General > Keyboard > Keyboards > Add New Keyboard.

Switch keyboards. If you've set up keyboards for other languages in Settings > General > International > Keyboards, you can switch among them by pressing Command-Space.

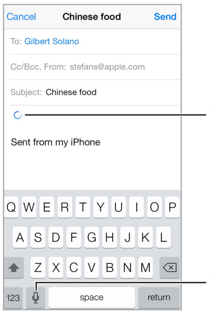
For information about international keyboards, see Use international keyboards on page 122.

Change the keyboard layout. Go to Settings > General > Keyboard > Keyboards, select a keyboard, then choose a layout.

Dictate

You can dictate instead of typing. Make sure Siri is turned on (in Settings > General > Siri) and iPod touch is connected to the Internet.

Dictate text. Tap 🎙 in the onscreen keyboard, then speak. Tap Done when you finish.



To: Gilbert Solano

Cc/Bcc, From: stefans@apple.com

Subject: Chinese food

Sent from my iPhone

This shows that Siri is composing your dictation.

Tap to begin dictation.

Add text. Tap 🎙 again and continuing dictating. To insert text, tap to place the insertion point first. You can also replace selected text by dictating.

Add punctuation or format text. Say the punctuation or format. For example, "Dear Mary comma the check is in the mail exclamation mark" becomes "Dear Mary, the check is in the mail!" Punctuation and formatting commands include:

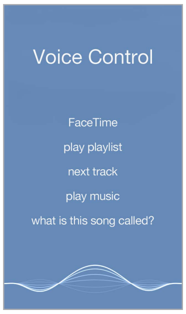
- quote … end quote
- new paragraph
- new line
- cap—to capitalize the next word
- caps on … caps off—to capitalize the first character of each word
- all caps—to make the next word all uppercase

- all caps on … all caps off—to make the enclosed words all uppercase
- no caps on … no caps off—to make the enclosed words all lowercase
- no space on … no space off—to run a series of words together
- smiley—to insert :-)
- frowny—to insert :-(
- winky—to insert ;-)

Voice Control

Make FaceTime calls and control music playback using Voice Control. You can also use Siri to control iPod touch by voice. See Chapter 4, Siri, on page 35.

Note: Voice Control and Voice Control settings aren't available when Siri is turned on.



Use Voice Control. Turn Siri off in Settings > General > Siri. Then press and hold the Home button until the Voice Control screen appears and you hear a beep.

For best results:

- Speak clearly and naturally.
- Say only Voice Control commands, names, and numbers. Pause slightly between commands.
- Use full names.

Change the language (or dialect or country) for Voice Control. By default, Voice Control expects you to speak voice commands in the language that's set for iPod touch (in Settings > General > International > Language). To use Voice Control in another language, go to Settings > General > International > Voice Control.

Voice Control for the Music app is always on, but you can prevent voice dialing FaceTime calls when iPod touch is locked. Go to Settings > General > Passcode Lock and turn off Voice Dial.

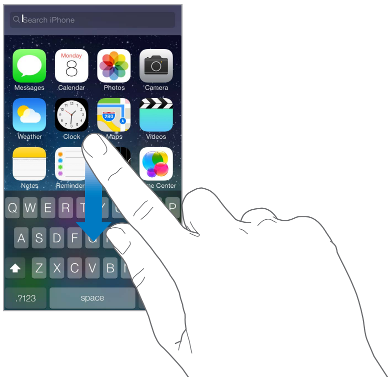
For specific commands, see Siri and Voice Control on page 54. For more about using Voice Control, including information about using Voice Control in different languages, see support.apple.com/kb/HT3597.

Search

Many apps include a search field where you can type to find something that the app knows about. With Spotlight Search, you can search all the apps at once.

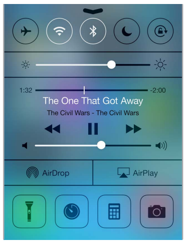
Search iPod touch. Drag down the middle of any Home screen to reveal the search field. Results occur as you type; to hide the keyboard and see more results on the screen, tap Search. Tap an item in the list to open it.

You can also use Spotlight Search to find and open apps.


Search iPhone
Messages
Calendar
Photos
Camera
Weather
Clock
Maps
Videos
Notes
Reminders
Game Center
space
.?123

Choose which apps and content are searched. Go to Settings > General > Spotlight Search. You can also change the search order.

Control Center


1:32
-2:00
The One That Got Away
The Civil Wars - The Civil Wars
AirDrop
AirPlay

Control Center gives you instant access to the camera, flashlight, AirDrop, AirPlay, timer, audio playback controls, and many other handy features.

Open Control Center. Swipe up from the bottom edge of any screen (even the Lock screen).

Note: The flashlight button is available only on models with an iSight camera.

You can adjust the brightness, lock the screen in portrait orientation, turn wireless services on or off, and turn on AirDrop to exchange photos and other items with nearby iOS 7 devices that support AirPlay. See AirDrop, iCloud, and other ways to share on page 28.

Open the currently playing audio app. Tap the song title.

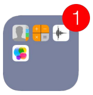
Close Control Center. Swipe down, tap the top or the screen, or press the Home button.

Alerts and Notification Center

Alerts

Alerts let you know about important events. They can appear briefly at the top of the screen, or remain in the center of the screen until you acknowledge them.

Some apps may include a badge on their Home screen icon, to let you know how many new items await—for example, the number of new email messages. If there's a problem—such as a message that couldn't be sent—an exclamation mark ❗ appears on the badge. On a folder, a numbered badge indicates the total number of notifications for all the apps inside.



Alerts can also appear on the Lock screen.

Respond to an alert when iPod touch is locked. Swipe the alert from left to right.

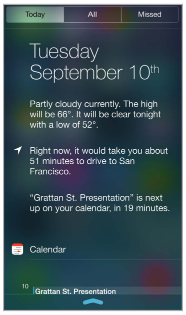
Silence your alerts. Go to Settings > Do Not Disturb.

Set sounds. Go to Settings > Sounds.

Notification Center

Notification Center collects your notifications in one place, so you can review them whenever you're ready. Review all your alerts, or just the ones you missed. Or tap the Today tab for a summary of the day's events—such as the weather forecast, appointments, birthdays, stock quotes, and even a quick summary of what's coming up tomorrow.

Open Notification Center. Swipe down from the top edge of the screen.



Tuesday
September 10th

Partly cloudy currently. The high will be 66°. It will be clear tonight with a low of 52°.

Right now, it would take you about 51 minutes to drive to San Francisco.

"Grattan St. Presentation" is next up on your calendar, in 19 minutes.

Calendar

10 Grattan St. Presentation

Set notification options. Go to Settings > Notification Center. Tap an app to set its notification options. You can also tap Edit to arrange the order of app notifications. Touch ≡, then drag it to a new position.

Close Notification Center. Swipe up.

Sounds and silence

You can change or turn off the sounds iPod touch plays when you get a FaceTime call, text, email, tweet, Facebook post, reminder, or other event.

Set sound options. Go to Settings > Sounds for options such as alert tones and ringtones, and ringer and alert volumes.

If you want to temporarily silence incoming FaceTime calls, alerts, and sound effects, see the following section.

Do Not Disturb

Do Not Disturb is an easy way to silence iPod touch, whether you're going to dinner or to sleep. It keeps FaceTime calls and alerts from making any sounds or lighting up the screen.

Turn on Do Not Disturb. Swipe up from the bottom edge of the screen to open Control Center, then tap ☾. When Do Not Disturb is on, ☾ appears in the status bar.

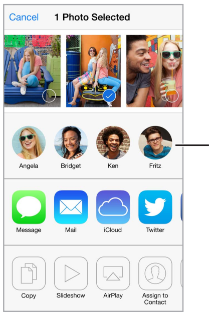
Note: Alarms still sound, even when Do Not Disturb is on. To make sure iPod touch stays silent, turn it off.

Configure Do Not Disturb. Go to Settings > Do Not Disturb.

You can schedule quiet hours, allow calls from your Favorites or groups of contacts, and allow repeated calls to ring through for those emergency situations. You can also set whether Do Not Disturb silences iPod touch only when it's locked, or even when it's unlocked.

AirDrop, iCloud, and other ways to share

In many apps, you can tap Share or ⇧ to see sharing and other options. The options vary depending on the app you're using.



Tap to share with a nearby friend using AirDrop.

AirDrop lets you share your photos, videos, interesting websites, locations, and other items wirelessly with other nearby iOS 7 devices that support AirDrop. AirDrop requires an iCloud account, and transfers info using Wi-Fi and Bluetooth. You must be on the same Wi-Fi network, or within approximately 30 feet (10 meters) of the other device. Transfers are encrypted for security.

Share an item using AirDrop. Tap Share or ⇧, then tap AirDrop and tap the name of a nearby AirDrop user. AirDrop is also available in Control Center—just swipe up from the bottom edge of the screen.

Receive AirDrop items from others. Swipe up from the bottom edge of the screen to open Control Center. Tap AirDrop, then choose to receive items from Contacts only or from Everyone. You can accept or decline.

Add photo or video to a shared stream. Tap iCloud (a sharing option in the Photos app), choose a stream (or create a new one), then tap Post.

Use Twitter, Facebook, Flickr, or Vimeo. Sign in to your account in Settings. The Twitter, Facebook, Flickr, and Vimeo sharing buttons take you to the appropriate setting if you're not yet signed in.

Note: While you're composing a tweet, the number in the lower-right corner shows the number of characters remaining. Attachments use some of a tweet's 140 characters.

Transfer files

There are several ways to transfer files between iPod touch and your computer or other iOS device. If you have an app that works with iCloud on multiple devices, you can use iCloud to automatically keep the app's documents up to date across your devices. See iCloud on page 14.

You can transfer files using iTunes. Connect iPod touch to your computer using the included cable. In iTunes on your computer, select iPod touch, then click the Apps button. Use the File Sharing section to transfer documents between iPod touch and your computer. Apps that support file sharing appear in the File Sharing Apps list in iTunes. To delete a file, select the file in the Files list, then press the Delete key.

You can also view files received as email attachments on iPod touch.

Some apps may share content using AirDrop. See AirDrop, iCloud, and other ways to share on page 28.

AirPlay

Use AirPlay to stream music, photos, and video wirelessly to Apple TV and other AirPlay-enabled devices on the same Wi-Fi network as iPod touch.

Display the AirPlay controls. Swipe up from the bottom edge of the screen to open Control Center, then tap ⏏.

Stream content. Tap ⏏, then choose the device you want to stream to.

Switch back to iPod touch. Tap ⏏, then choose iPod touch.

Mirror the iPod touch screen on a TV. Tap ⏏, choose an Apple TV, then tap Mirroring. A blue bar appears at the top of the iPod touch screen when AirPlay mirroring is turned on.

You can also connect iPod touch to a TV, projector, or other external display using the appropriate Apple cable or adapter. See support.apple.com/kb/HT4108.

AirPrint

Use AirPrint to print wirelessly to an AirPrint-enabled printer, from apps such as Mail, Photos, and Safari. Many apps available on the App Store also support AirPrint.

iPod touch and the printer must be on the same Wi-Fi network. For more information about AirPrint, see support.apple.com/kb/HT4356.

Print a document. Tap ↩ or ⇧ (depending on the app you're using).

See the status of a print job. Double-click the Home button, then tap Print Center. The badge on the icon shows how many documents are in the queue.

Cancel a job. Select it in the Print Center, then tap Cancel Printing.

Bluetooth devices

You can use Bluetooth devices with iPod touch, such as stereo headphones or an Apple Wireless Keyboard. For supported Bluetooth profiles, go to support.apple.com/kb/HT3647.

WARNING: For important information about avoiding hearing loss and avoiding distraction while driving, see Important safety information on page 124.

Note: The use of certain accessories with iPod touch may affect wireless performance. Not all iPhone and iPad accessories are fully compatible with iPod touch. Turning on airplane mode may eliminate audio interference between iPod touch and an accessory. Reorienting or relocating iPod touch and the connected accessory may improve wireless performance.

Turn on Bluetooth. Go to Settings > Bluetooth.

Connect to a Bluetooth device. Tap the device in the Devices list, then follow the onscreen instructions to connect to it. See the documentation that came with the device for information about Bluetooth pairing. For information about using an Apple Wireless Keyboard, see Use an Apple Wireless Keyboard on page 23.

iPod touch must be within about 30 feet (10 meters) of the Bluetooth device.

Return audio output to iPod touch. Turn off or unpair the device, turn off Bluetooth in Settings > Bluetooth, or use AirPlay ⏏ to switch audio output to iPod touch. See AirPlay on page 29. Audio output returns to iPod touch whenever the Bluetooth device is out of range.

Unpair a device. In Settings > Bluetooth, tap ⓘ next to the device, then tap “Forget this Device.” If you don’t see the Devices list, make sure Bluetooth is on.

Restrictions

You can set restrictions for some apps, and for purchased content. For example, parents can restrict explicit music from appearing in playlists, or disallow changes to certain settings. Use restrictions to prevent the use of certain apps, the installation of new apps, or changes to accounts or the volume limit.

Turn on restrictions. Go to Settings > General > Restrictions, then tap Enable Restrictions. You’ll be asked to define a restrictions passcode that’s necessary in order to change the settings you make. This can be different than the passcode for unlocking iPod touch.

Important: If you forget your restrictions passcode, you must restore the iPod touch software. See Restore iPod touch on page 130.

Privacy

Privacy settings let you see and control which apps and system services have access to Location Services, and to contacts, calendars, reminders, and photos.

Location Services lets location-based apps such as Maps, Camera, and Passbook gather and use data indicating your location. Your approximate location is determined using available information from local Wi-Fi networks (if you have Wi-Fi turned on). The location data collected by Apple isn't collected in a form that personally identifies you. When an app is using Location Services, ➤ appears in the menu bar.

Turn Location Services on or off. Go to Settings > Privacy > Location Services. You can turn it off for some or for all apps and services. If you turn off Location Services, you're prompted to turn it on again the next time an app or service tries to use it.

Turn Location Services off for system services. Several system services, such as location-based iAds, use Location Services. To see their status, turn them on or off, or show ➤ in the menu bar when these services use your location, go to Settings > Privacy > Location Services > System Services.

Turn off access to private information. Go to Settings > Privacy. You can see which apps and features have requested and been granted access to the following information:

- Contacts
- Calendar
- Reminders
- Photos
- Bluetooth Sharing
- Microphone
- Twitter
- Facebook

You can turn off each app's access to each category of information. Review the terms and privacy policy for each third-party app to understand how it uses the data it's requesting.

Security

Security features help protect the information on your iPod touch from being accessed by others.

Use a passcode with data protection

Initially, iPod touch doesn't require you to enter a passcode to unlock it. You can set a passcode that must be entered each time you turn on or wake up iPod touch.

Set a passcode. Go to Settings > General > Passcode Lock and set a 4-digit passcode.

Setting a passcode turns on data protection, using your passcode as a key to encrypt Mail messages and attachments stored on iPod touch, using 256-bit AES encryption. (Other apps may also use data protection.)

Increase security. Turn off Simple Passcode and use a longer passcode. To enter a passcode that's a combination of numbers and letters, you use the keyboard. If you prefer to unlock iPod touch using the numeric keypad, create a passcode using numbers only.

Allow access to features when iPod touch is locked. Go to Settings > General > Passcode Lock. Optional features include:

- Siri (if enabled; see Siri settings on page 36)
- Passbook (see Chapter 24, Passbook, on page 94)
- Reply with Message (see Make and answer calls on page 58)

Allow access to Control Center when iPod touch is locked. Go to Settings > Control Center. See Control Center on page 26.

Erase data after ten failed passcode attempts. Go to Settings > General > Passcode Lock and tap Erase Data. After ten failed passcode attempts, all settings are reset, and all your information and media are erased by removing the encryption key to the data.

If you forget your passcode, you must restore the iPod touch software. See Restore iPod touch on page 130.

Limit Ad Tracking

Restrict or reset Ad Tracking. Go to Settings > General > Privacy > Advertising. Turn on Limit Ad Tracking to prevent apps from accessing your iPod touch advertising identifier. For more information, tap Learn More.

Find My iPod touch

Find My iPod touch can help you locate and secure your iPod touch using the free Find My iPhone app (available in the App Store) on another iPod touch, iPhone, or iPad, or using a Mac or PC web browser signed in to www.icloud.com. Activation Lock is enabled automatically when you turn on Find My iPod touch. It can help deter theft by requiring your Apple ID and password before anyone can erase or reactivate your iPod touch.

Turn on Find My iPod touch. Go to Settings > iCloud.

Important: To use these features, Find My iPod touch must be turned on *before* your iPod touch is lost. iPod touch must be able to connect to the Internet for you to locate and secure the device.

Use Find My iPhone. Open the Find My iPhone app on an iOS device, or go to www.icloud.com on your computer. Sign in and select your device.

- *Play Sound:* Play a sound for two minutes.
- *Lost Mode:* You can immediately lock your missing iPod touch with a passcode and send it a message displaying a contact number. iPod touch also tracks and reports its location, so you can see where it's been when you check the Find My iPhone app.
- *Erase iPod touch:* Protects your privacy by erasing all the information and media on your iPod touch and restoring iPod touch to its original factory settings.

Note: To turn off Activation Lock and erase your personal information, you should erase your iPod touch before selling or giving it away. Go to Settings > General > Reset > Erase All Content and Settings. See Sell or give away iPod touch? on page 130.

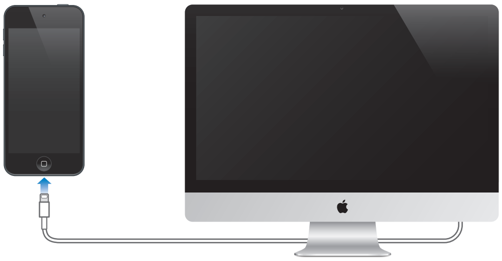
Charge and monitor the battery

iPod touch has an internal, lithium-ion rechargeable battery. For more information about the battery—including tips for maximizing battery life—go to www.apple.com/batteries.

> *WARNING:* For important safety information about the battery and charging iPod touch, see Important safety information on page 124.

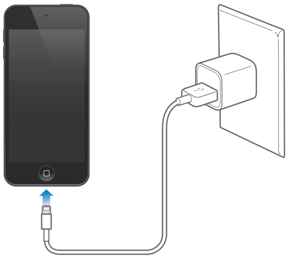
Charge the battery. Connect iPod touch to your computer using the included cable. You can sync iPod touch with iTunes at the same time. (it may take longer to charge, however, if you sync or use iPod touch while it is charging.

Unless your keyboard has a high-power USB 2.0 or 3.0 port, you must connect iPod touch to a USB 2.0 or 3.0 port on your computer.



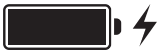
Important: The iPod touch battery may drain instead of charge, if iPod touch is connected to a computer that's turned off or is in sleep or standby mode.

Charge the battery using a power adapter. Connect iPod touch to a power outlet using the included cable and a USB power adapter (available separately).



Note: Connecting iPod touch to a power outlet can start an iCloud backup or wireless iTunes syncing. See Back up iPod touch on page 129 and Sync with iTunes on page 16.

The battery icon in the upper-right corner shows the battery level or charging status.



Important: If iPod touch is very low on power, it may display an image of a nearly depleted battery, indicating that iPod touch needs to charge for up to ten minutes before you can use it. If iPod touch is extremely low on power, the display may be blank for up to two minutes before one of the low-battery images appears.

Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. The iPod touch battery isn't user replaceable; it can be replaced only by an authorized service provider. See www.apple.com/batteries/replacements.html.

Travel with iPod touch

Some airlines let you keep your iPod touch turned on if you switch to Airplane Mode. Wi-Fi and Bluetooth are disabled so you can’t make or receive FaceTime calls or use features that require wireless communication, but you can listen to music, play games, watch videos, or use other apps that don’t require Internet access. If the airline allows it, you can turn Wi-Fi or Bluetooth back on to enable those services, even while in Airplane Mode.

Turn on Airplane Mode. Swipe up from the bottom edge of the screen to open Control Center, then tap ✈. You can also turn Airplane Mode on or off in Settings. When airplane mode is on, ✈ appears in the status bar at the top of the screen.

Wi-Fi and Bluetooth can also be turned on or off in Control Center.

Siri

4

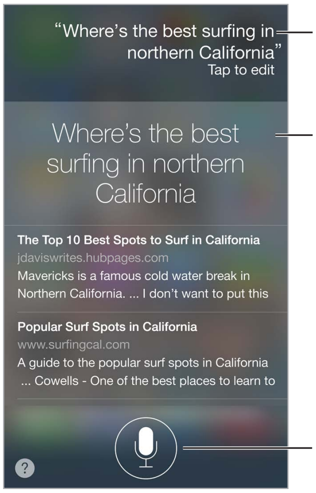
Make requests

The power of Siri is yours for the asking.

Summon Siri. Press and hold the Home button, until Siri beeps.

Note: To use Siri, iPod touch must be connected to the Internet. See Connect to the Internet on page 13.

Ask Siri anything, from "set the timer for 3 minutes" to "what movies are showing tonight?" Open apps, and turn features on or off, like Airplane Mode, Bluetooth, Do Not Disturb, and Accessibility. Siri understands natural speech, so you don't have to learn special commands or keywords.



"Where's the best surfing in northern California"
Tap to edit

Where's the best surfing in northern California

The Top 10 Best Spots to Surf in California
jdaviswrites.hubpages.com
Mavericks is a famous cold water break in Northern California. ... I don't want to put this

Popular Surf Spots in California
www.surfingcal.com
A guide to the popular surf spots in California ... Cowells - One of the best places to learn to

What Siri heard you say

Siri's response

Tap to speak to Siri.

For hints, ask Siri "what can you do," or tap ?.

Siri often displays helpful info on your screen. Tap the info to open a related app or get more details.

Change Siri's voice gender. Go to Settings > General > Siri (may not be available in all areas).

Talk to Siri using a headset. Connect the headset, then press and hold the center or call button.

Tell Siri about yourself

If you let Siri know who you are, you can get personalized service—like, "tell me how to get home."

Tell Siri who you are. Fill out your info card in Contacts, then go to Settings > General > Siri > My Info and tap your name.

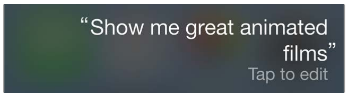
Be sure to include your home and work addresses, and your relationships.

Note: Location information isn't tracked or stored outside iPod touch. If you don't want to use Location Services, go to Settings > Privacy > Location Services to turn it off. You can still use Siri, but Siri won't be able to do anything that requires knowing your location.

Make corrections

Want to cancel that last command? Say "cancel," tap the Siri icon, or press the Home button.

If Siri doesn't get something right, you can tap to edit your request.



"Show me great animated films"

Tap to edit

Or tap 🎙 again and clarify your request. For example, "I meant Boston." Don't bother saying what you *didn't* mean.

Siri settings

To set options for Siri, go to Settings > General > Siri. Options include:

- turning Siri on or off
- language
- voice gender (may not be available in all areas)
- voice feedback
- My Info card

Prevent access to Siri when iPod touch is locked. Go to Settings > General > Passcode Lock. You can also disable Siri by turning on restrictions. See Restrictions on page 30.

Messages

5

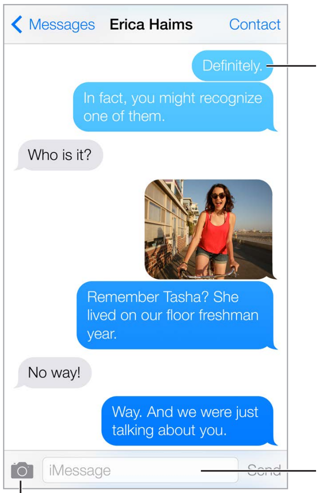
iMessage service

With the Messages app and the built-in iMessage service, you can send unlimited text messages over Wi-Fi to others using iOS 5 or later, or OS X Mountain Lion or later. Messages can include photos, videos, and other info. You can see when other people are typing, and let them know when you've read their messages. iMessages are displayed on all of your iOS devices logged in to the same account, so you can start a conversation on one of your devices and continue it on another device. For security, iMessages are encrypted before they're sent.

WARNING: For important information about avoiding distractions while driving, see Important safety information on page 124.

Note: Cellular data charges or additional fees may apply for iPhone and iPad users you exchange messages with over their cellular data network.

Send and receive messages



Definitely.

In fact, you might recognize one of them.

Who is it?

Remember Tasha? She lived on our floor freshman year.

No way!

Way. And we were just talking about you.

Blue indicates an iMessage conversation.

Tap to enter text.

Tap the attach media button to include a photo or video.

Start a text conversation. Tap ✎, then enter a phone number or email address, or tap ⊕ and choose a contact.

An alert badge ⓘ appears if a message can’t be sent. Tap the alert in a conversation to try sending the message again.

Resume a conversation. Tap the conversation in the Messages list.

Use picture characters. Go to Settings > General > Keyboard > Keyboards > Add New Keyboard, then tap Emoji to make that keyboard available. When you type a message, tap 🌐 to change to the Emoji keyboard. See Special input methods on page 123.

See what time a message was sent or received. Drag any bubble to the left.

Make a FaceTime call to the person you’re texting. Tap Contact at the top of the screen, then tap 📹.

See a person’s contact info. Tap Contact at the top of the screen, then tap ⓘ. Tap info items to perform actions, such as making a FaceTime call.

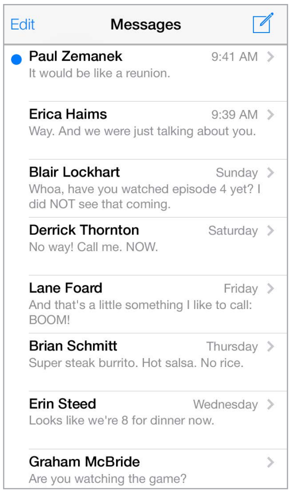
See earlier messages in the conversation. Tap the status bar to scroll to the top. Tap Load Earlier Messages, if necessary.

Send messages to a group. Tap ✎, then enter multiple recipients.

Block unwanted messages. On a contact card, tap Block this Caller. You can see someone’s contact card while viewing a message by tapping Contact, then tap ⓘ. You can also block callers in Settings > FaceTime > Blocked. You will not receive FaceTime calls, or text messages from blocked callers. For more information about blocking calls, see support.apple.com/kb/HT5845.

Manage conversations

Conversations are saved in the Messages list. A blue dot ● indicates unread messages. Tap a conversation to view or continue it.



● Paul Zemanek 9:41 AM
It would be like a reunion.

Erica Haims 9:39 AM
Way. And we were just talking about you.

Blair Lockhart Sunday
Whoa, have you watched episode 4 yet? I did NOT see that coming.

Derrick Thornton Saturday
No way! Call me. NOW.

Lane Foard Friday
And that's a little something I like to call: BOOM!

Brian Schmitt Thursday
Super steak burrito. Hot salsa. No rice.

Erin Steed Wednesday
Looks like we're 8 for dinner now.

Graham McBride
Are you watching the game?

View the Messages list. Swipe to the right.

Forward a message. Touch and hold a message or attachment, tap More, select additional items if desired, then tap ➦.

Delete a message. Touch and hold a message or attachment, tap More, select more if desired, then tap 🗑. To delete all text and attachments without deleting the conversation, tap Delete All.

Delete a conversation. In the Messages list, swipe the conversation from right to left, then tap Delete.

Search conversations. In the Messages list, tap the top of the screen to display the search field, then enter the text you're looking for. You can also search conversations from the Home screen. See Search on page 26.

Share photos, videos, and more

You can send photos, videos, locations, contact info, and voice memos. The size limit of attachments is determined by your service provider—iPod touch may compress photo and video attachments when necessary.

Send a photo or video. Tap 📷. You can choose an existing photo or video on iPod touch, or take a new one.

See full-size photos or video. Tap the photo or video. To see other photos and videos in the conversation, tap ☰. Tap ‹ to return to the conversation.

Send items from another app. In the other app, tap Share or 📤, then tap Message.

Share, save, or print an attachment. Tap the attachment, then tap 📤.

Copy a photo or video. Touch and hold the attachment, then tap Copy.

Add someone to your contacts. From a conversation, tap Contact, then tap Create New Contact.

Save contact info. Tap Contact at the top of the screen, tap ⓘ, then tap Create New Contact or Add to Existing Contact.

Messages settings

Go to Settings > Messages to set options for Messages, including:

- Turning iMessage on or off
- Notifying others when you've read their messages
- Specifying a phone number, Apple ID, or email address to use with Messages
- Turning group messaging on or off
- Showing the Subject field
- Showing the character count
- Blocking unwanted messages

Manage notifications for messages. See Do Not Disturb on page 28.

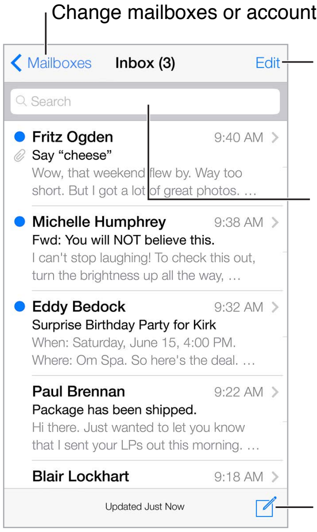
Set the alert sound for incoming text messages. See Sounds and silence on page 28.

Mail

6

Write messages

Mail lets you access all of your email accounts, on the go.



Change mailboxes or accounts.

Fritz Ogden 9:40 AM
Say "cheese"
Wow, that weekend flew by. Way too short. But I got a lot of great photos. …

Michelle Humphrey 9:38 AM
Fwd: You will NOT believe this.
I can't stop laughing! To check this out, turn the brightness up all the way, …

Eddy Bedock 9:32 AM
Surprise Birthday Party for Kirk
When: Saturday, June 15, 4:00 PM.
Where: Om Spa. So here's the deal. …

Paul Brennan 9:22 AM
Package has been shipped.
Hi there. Just wanted to let you know that I sent your LPs out this morning. …

Blair Lockhart 9:18 AM

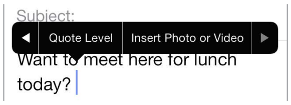
Updated Just Now

Delete, move, or mark multiple messages.

Search for messages.

Compose a message.

Insert a photo or video. Tap the insertion point. Tap the arrows to see more choices. Also see Edit text on page 23.



Subject:

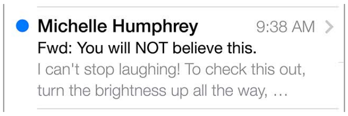
Want to meet here for lunch today?

Quote some text when you reply. Tap the insertion point, then select the text you want to include. Tap ↩, then tap Reply.

Send a message from a different account. Tap the From field to choose an account.

Change a recipient from Cc to Bcc. After you enter recipients, you can drag them from one field to another or change their order.

Get a sneak peek


Michelle Humphrey 9:38 AM

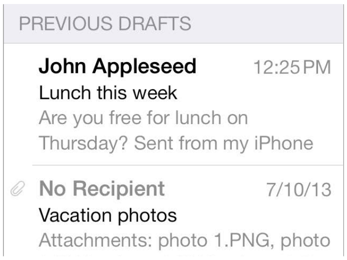
Fwd: You will NOT believe this.

I can't stop laughing! To check this out, turn the brightness up all the way, …

See a longer preview. Go to Settings > Mail, Contacts, Calendars > Preview. You can show up to five lines.

Is the message for me? Turn on Settings > Mail, Contacts, Calendars > Show To/Cc Label. If the label says Cc instead of To, you were just copied. You can also use the To/Cc mailbox, which gathers all mail addressed to you. To show it, tap Edit while viewing the Mailboxes list.

Finish a message later



John Appleseed 12:25 PM

Lunch this week

Are you free for lunch on Thursday? Sent from my iPhone

No Recipient 7/10/13

Vacation photos

Attachments: photo 1.PNG, photo

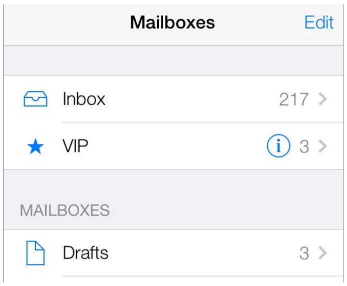
Save it, don't send it. If you're writing a message and want to finish it later, tap Cancel, then tap Save Draft.

Finish a saved draft. Touch and hold Compose. Pick the draft from the list, then finish it up and send, or save it again as a draft.

Show draft messages from all of your accounts. While viewing the Mailboxes list, tap Edit, tap Add Mailbox, then turn on the All Drafts mailbox.

Delete a draft. In the Drafts list, swipe left across a draft, then tap Delete.

See important messages



Gather important messages. Add important people to your VIP list, and their messages all appear in the VIP mailbox. Tap the sender's name in a message, then tap Add to VIP. To show the VIP mailbox, tap Edit while viewing the Mailboxes list.

Get notified of important messages. Notification Center lets you know when you receive messages in favorite mailboxes or messages from your VIPs. Go to Settings > Notification Center > Mail.

Flag a message so you can find it later. Tap ⚐ while reading the message. You can change the appearance of the flagged message indicator in Settings > Mail, Contacts, Calendars > Flag Style. To see the Flagged mailbox, tap Edit while viewing the Mailboxes list, then tap Flagged.

Search for a message. Scroll to or tap the top of the message list to reveal the search field. You can search the current mailbox, or all mailboxes at once. Searching looks at the address fields, the subject, and the message body.

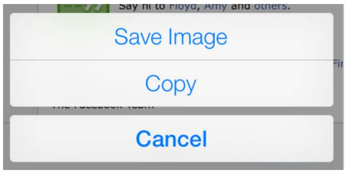
Search by timeframe. Scroll to or tap the top of the message list to reveal the search field, then type something like "February meeting" to find all messages from February with word "meeting."

Search by message state. To find all flagged, unread messages from people in your VIP list, type "flag unread vip." You can also search for other message attributes, such as "attachment."

Junk, be gone! Tap ⚐ while you're reading a message, then tap Move to Junk to file it in the Junk folder. If you accidentally move a message, shake iPod touch immediately to undo.

Make a favorite mailbox. Favorite mailboxes appear at the top of the Mailboxes list. To add a favorite, view the Mailboxes list and tap Edit. Tap Add Mailbox, then select the mailbox to add. You'll also get push notifications for your favorite mailboxes.

Attachments



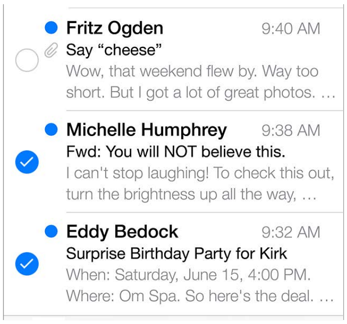
Save a photo or video to your Camera Roll. Touch and hold the photo or video until a menu appears, then tap Camera Roll.

Use an attachment with another app. Touch and hold the attachment until a menu appears, then tap the app you want to open the attachment with.

Include attachments in your reply. When you reply to a message, attachments aren't included. To include them, forward the message instead.

See messages with attachments. The Attachments mailbox shows messages with attachments from all accounts. To add it, view the Mailboxes list and tap Edit.

Work with multiple messages



○ ● **Fritz Ogden** 9:40 AM
Say "cheese"
Wow, that weekend flew by. Way too short. But I got a lot of great photos. …

☑ ● **Michelle Humphrey** 9:38 AM
Fwd: You will NOT believe this.
I can't stop laughing! To check this out, turn the brightness up all the way, …

☑ ● **Eddy Bedock** 9:32 AM
Surprise Birthday Party for Kirk
When: Saturday, June 15, 4:00 PM.
Where: Om Spa. So here's the deal. …

Delete, move, or mark multiple messages. While viewing a list of messages, tap Edit. Select some messages or tap Mark All, then choose an action. If you make a mistake, shake iPod touch immediately to undo.

Organize your mail. Create mailboxes to organize your mail. Go to the mailbox list (if necessary), then tap Edit to make a new one, or rename or delete one. (Some built-in mailboxes can't be changed.) There are several smart mailboxes, such as Unread, that show messages from all your accounts. Tap the ones you want to use.

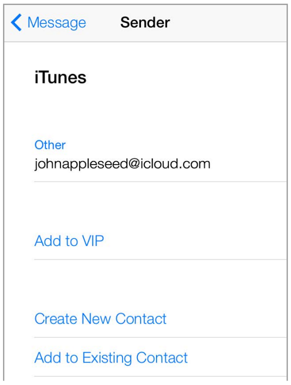
Recover a deleted message. Go to the account's Trash mailbox, open the message, then tap 📁 and move the message. Or, if you just deleted it, shake iPod touch to undo. To see deleted messages across all your accounts, add the Trash mailbox. To add it, go to the mailbox list (if necessary), then tap Edit and select it from the list.

Archive instead of delete. Instead of deleting messages, you can archive them so they're still around if you need them. Turn on Archive Mailbox in Settings > Mail, Contacts, Calendars > *account name* > Account > Advanced. To delete a message instead of archiving it, touch and hold 🗃, then tap Delete.

Deal with a message without opening it. Swipe left on a message, then tap Delete or Archive. Or tape More to move, forward, reply, flag, or move it to the Junk folder.

Stash your trash. You can set how long deleted messages stay in the Trash mailbox. Go to Settings > Mail, Contacts, Calendars > *account name* > Account > Advanced.

See and save addresses



iTunes

Other
johnappleseed@icloud.com

See who received a message. While viewing the message, tap More in the To field.

Add someone to Contacts or make them a VIP. Tap the person's name or email address.

Print messages

Print a message. Tap ↩, then tap Print.

Print an attachment or picture. Tap to view it, then tap ↩ and choose Print.

See AirPrint on page 29.

Mail settings

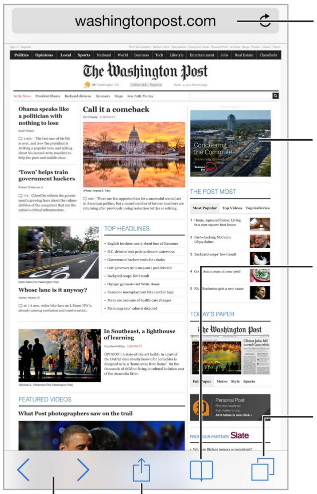
Go to Settings > Mail, Contacts, Calendars, where you can:

- Use a different mail signature for each account
- Add additional mail accounts
- Bcc yourself on every message you send
- Turn on Organize by Thread to group related messages together
- Turn off confirmation for deleting a message
- Turn off Push delivery of new messages, to save on battery power
- Temporarily turn off an account

Safari

7

Safari at a glance


washingtonpost.com

Tap to enter a web address or search item.

To zoom, double tap an item or pinch.

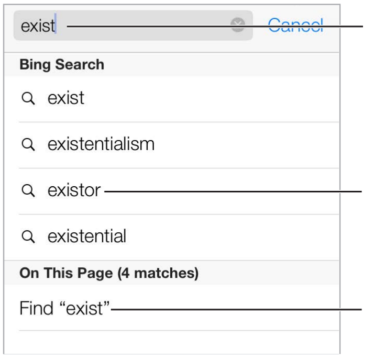
See your bookmarks, reading list, browsing history, and tweeted links.

Swipe through open pages or open a new page.

Choose from many ways to share or save.

Revisit recent pages.

Search


exist
Cancel
Bing Search
exist
existentialism
existor
existential
On This Page (4 matches)
Find “exist”

Enter what you’re searching for, then tap Go.

Or tap a suggestion.

Tap here to search the current page.

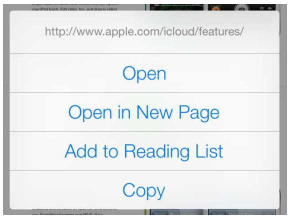
Search the web. Type what you’re looking for in the smart search field at the top of the page, then tap Search or a suggested term. If you don’t want to see suggested search terms, go to Settings > Safari > Smart Search Field and turn off Search Suggestions.

Have your favorites top the list. Select them in Settings > Safari > Favorites.

Search the page. Scroll to the bottom of the suggested results list and tap the entry under On This Page. Tap > to see the next occurrence on the page.

Choose your search tool. Go to Settings > Safari > Search Engine.

Browse

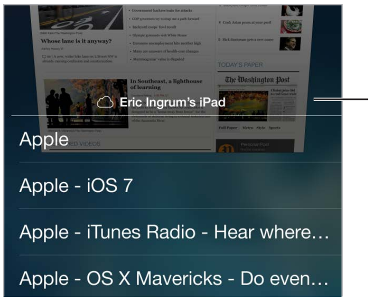

http://www.apple.com/icloud/features/
Open
Open in New Page
Add to Reading List
Copy

Touch and hold a link to see these options.

Look before you leap. To see the URL of a link before you go there, touch and hold the link.

Open a link in a new page. Touch and hold the link, then tap Open in New Page. If you'd rather open new pages in the background, go to Settings > Safari > Open Links.

Browse open pages. Tap ⧉. To close one, tap ✕ or swipe the page to the left.


Eric Ingrum's iPad
Apple
Apple - iOS 7
Apple - iTunes Radio - Hear where…
Apple - OS X Mavericks - Do even…

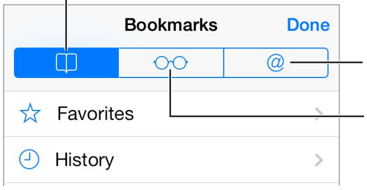
Scroll to the bottom to see pages open on other devices.

Pick up where you left off. If you turn on Safari in Settings > iCloud, you can view a page that's open on one of your other devices. Tap ⧉, then scroll to the list at the bottom of the page.

Get back to the top. Tap just above the search field to return to the top of the page.

See the latest. Tap ↻ next to the address in the search field to update the page.

Bookmark


Bookmarks
Done
@
Favorites
History

Bookmarks

Links in tweets

Reading list

Bookmark the current page. Tap ⇧, then tap Bookmark. To revisit the page, tap 📖, then tap the bookmark.

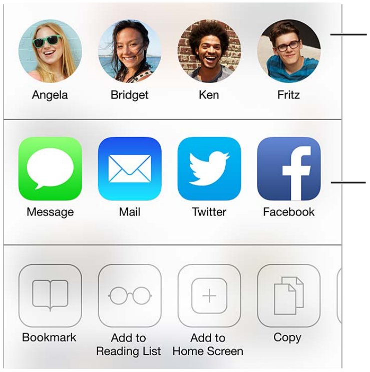
Get organized. To create a folder for bookmarks, tap 📖, then tap Edit.

Choose which favorites appear when you tap the search field. Go to Settings > Safari > Favorites.

Bookmarks bar? Turn on Safari in Settings > iCloud if you want items from the bookmarks bar in Safari on your Mac to appear in Favorites on iPod touch.

Create a webclip shortcut on your Home screen. Tap ⍐, then tap Add to Home Screen. The webclip appears only on the device where you create it.

Share



Tap to share with a nearby friend using AirDrop.

Share using the usual methods.

Spread the news. Tap ⍐.

See who's tweeting what. Log in to Twitter on iPod touch, then tap 📖 and look under @ to see links tweeted by your friends.

Pick up where you left off. To view a page that's open on one of your other devices, tap ⧉, then scroll to the list at the bottom of the page. Be sure you've enabled Settings > iCloud > Safari.

AutoFill

Whether you're logging in to a website, signing up for a service, or making a purchase, you can fill in a web form using the onscreen keyboard or have Safari fill it in for you using AutoFill.

Logging in to the same site frequently? When you're asked if you want to save the password for the site, tap Yes. The next time you visit, your user name and password will be filled in for you.

Fill in a form. Tap any field to bring up the onscreen keyboard. Tap ‹ or › above the keyboard to move from field to field.

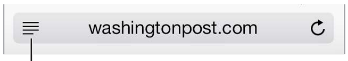
Fill it in automatically. Go to Settings > Safari > Passwords & Autofill and turn on Use Contact Info. Then, tap AutoFill above the onscreen keyboard when you're filling in the form.

Enter your credit card information. Go to Settings > Safari > Autofill and save your credit card information, then look for the AutoFill Credit Card button above the onscreen keyboard whenever you're in a credit card field. Your card's security code is not stored, so you still enter that yourself.

Submit a form. Tap Go, Search, or the link on the webpage.

Reader

Use Safari Reader to focus on a page's primary content.



Tap to view the page in Reader.

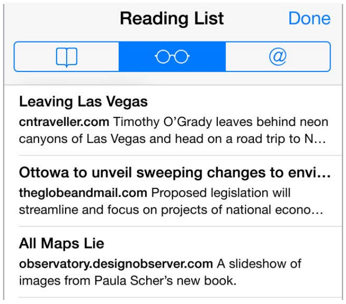
Avoid clutter. Tap ≡ at the left end of the address field. If you don't see the icon, reader isn't available for the page you're looking at.

Share just the good stuff. Tap ⇪ while viewing the page in Reader to share just the article text and a link to it.

Return to the full page. Tap the reader icon in the address field again.

Reading list

Save interesting items in your reading list so you can revisit them later. You can read pages in your reading list even when you're not connected to the Internet.



Leaving Las Vegas
cntraveller.com Timothy O'Grady leaves behind neon canyons of Las Vegas and head on a road trip to N…

Ottowa to unveil sweeping changes to envi…
theglobeandmail.com Proposed legislation will streamline and focus on projects of national econo…

All Maps Lie
observatory.designobserver.com A slideshow of images from Paula Scher's new book.

Add the current page to your reading list. Tap ⇪, then tap Add to Reading List.

Add a linked page without opening it. Touch and hold the link, then tap Add to Reading List.

View your reading list. Tap 📖, then tap 👓.

Delete something from your reading list. Swipe left on the item in your reading list.

Privacy and security

You can adjust Safari settings to keep your browsing activities to yourself and protect yourself from malicious websites.

Ask for a little privacy. Turn on Settings > Safari > Do Not Track. Safari will ask websites you visit to not track your browsing, but beware—a website can choose not to honor the request.

Avoid cookie clutter. Go to Settings > Safari > Block Cookies. To remove cookies already on iPod touch, go to Settings > Safari > Clear Cookies and Data.

Erase your browsing history and data from iPod touch. Go to Settings > Safari > Clear History, and Settings > Safari > Clear Cookies and Data.

Visit sites without making history. Tap Private on either the open pages screen or the bookmarks screen. Sites you visit will not be added to History on your iPod touch.

Watch for suspicious websites! Turn on Settings > Safari > Fraudulent Website Warning.

Safari settings

Go to Settings > Safari, where you can:

- Choose your search engine
- Enter your AutoFill information
- Choose which favorites are displayed when you search
- Have links open in a new page or in the background
- Block pop-ups
- Tighten privacy and security
- Clear your history, cookies, and data

Music

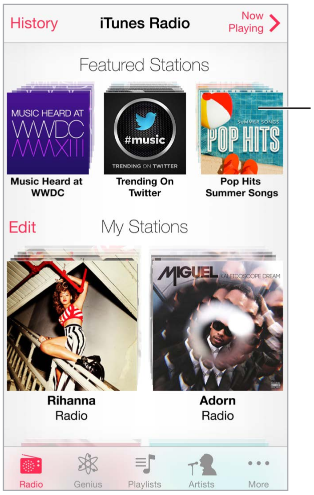
8

iTunes Radio

Featured stations provide a great way to explore and enjoy new music in a variety of genres. Also create your own custom stations, based on your pick of artist, song, or genre. See iTunes Match on page 55.

WARNING: For important information about avoiding hearing loss, see Important safety information on page 124.

Note: iTunes Radio may not be available in all areas. For more information about iTunes Radio, go to support.apple.com/kb/HT5848.


History
iTunes Radio
Now Playing
Featured Stations
Music Heard at WWDC
Trending On Twitter
Pop Hits Summer Songs
Edit
My Stations
Rihanna Radio
Adorn Radio
Radio
Genius
Playlists
Artists
More

Tap to play a station.

When you pick a station and play a song, the Now Playing screen shows the album art and the playback controls. Tap ⓘ to find out more, create a new station, fine-tune the station, or share it. See AirDrop, iCloud, and other ways to share on page 28.

Create a station based on an artist, genre, or song. Tap New Station on the iTunes Radio screen. Choose a genre, or do a search for your favorite artist, song, or genre.

Create your own station. On the Now Playing screen, tap Create.

Influence upcoming song selections. Tap ★, then tap Play More Like This or Never Play This Song. You can also add the song to your iTunes Wish List.

Skip to the next song. Tap ▶▶. You can skip a limited number of songs per hour.

Edit your stations. Tap Edit. You can include or exclude other artists, songs, or genres, or delete a station.

Purchase songs for your personal library. Tap the price button.

Share a station you created. While playing the station, tap ⓘ, then tap Share Station.

Listen to iTunes Radio ad free. Subscribe to (and turn on) iTunes Match. See iTunes Match on page 55.

Get music

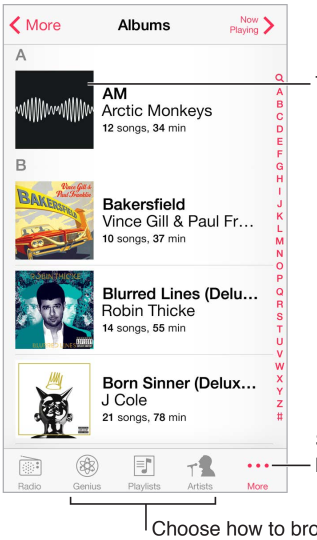
Get music and other audio content on to iPod touch in the following ways:

- *Purchase and download from the iTunes Store:* In Music, tap Store. See Chapter 22, iTunes Store, on page 90.
- *iTunes in the Cloud:* When you're signed in to the iTunes Store, all of your previous purchases automatically appear in Music. See iCloud on page 14.
- *Sync content with iTunes on your computer:* See Sync with iTunes on page 16.
- *Use iTunes Match to store your music library in iCloud:* See iTunes Match on page 55.

Browse and play

Browse your music by playlist, artist, song, or other category. For other browse options, tap More. Tap any song to play it.

You can listen to audio from the built-in speaker, from headphones attached to the headset jack, or from wireless Bluetooth stereo headphones paired with iPod touch. If headphones are attached or paired, no sound comes from the speaker.


More
Albums
Now Playing
A
AM
Arctic Monkeys
12 songs, 34 min
B
Bakersfield
Vince Gill & Paul Fr…
10 songs, 37 min
Blurred Lines (Delu…
Robin Thicke
14 songs, 55 min
Born Sinner (Delux…
J Cole
21 songs, 78 min
Q A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #
Radio
Genius
Playlists
Artists
More

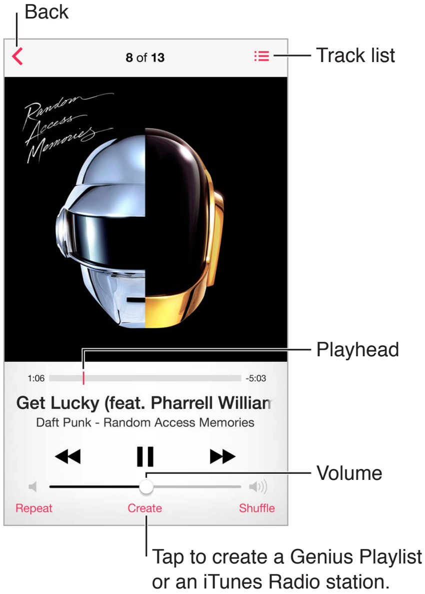
Tap to listen.

See additional browse options.

Choose how to browse.

Tired of tapping More? To rearrange the buttons, tap More, then tap Edit and drag a button onto the one you want to replace.

The Now Playing screen provides playback controls and shows you what's playing.


8 of 13
1:06
-5:03
Get Lucky (feat. Pharrell William
Daft Punk - Random Access Memories
Repeat
Create
Shuffle

Back

Track list

Playhead

Volume

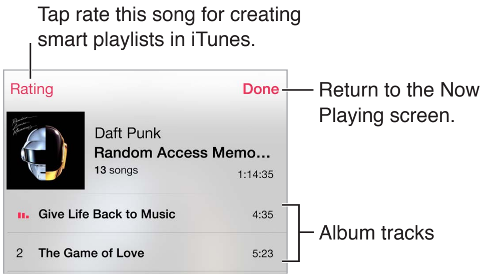
Tap to create a Genius Playlist or an iTunes Radio station.

Display lyrics. If you've added lyrics to the song, tap the album cover to see them. To add lyrics, use the song's Info window in iTunes on your computer, then sync the song to iPod touch. (Lyrics aren't supported by iTunes Match.)

Skip to any point in a song. Drag the playhead. Slow down the scrub rate by sliding your finger down the screen.

Shuffle. Tap Shuffle on the Now Playing screen to play your tunes in random order.

See all tracks from the album containing the current song. Tap ☰. To play a track, tap it.


Rating
Done
Daft Punk
Random Access Memo…
13 songs
1:14:35
Give Life Back to Music
4:35
2
The Game of Love
5:23

Tap rate this song for creating smart playlists in iTunes.

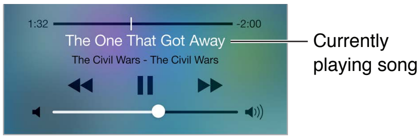
Return to the Now Playing screen.

Album tracks

Search music. While browsing, tap the status bar to reveal the search field at the top of the screen, then enter your search text.You can also search audio content from the Home screen. See Search on page 26.

Rate a song for smart playlists in iTunes. Tap the screen to reveal the rating dots, then tap a dot to assign a rating.

Get audio controls from the Lock screen or when using another app. Swipe up from the bottom edge of the screen to open Control Center. See Control Center on page 26.

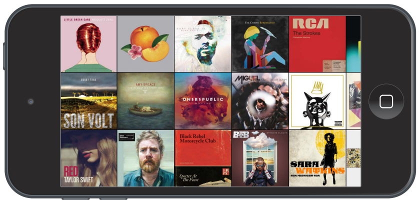

1:32
-2:00
The One That Got Away
The Civil Wars - The Civil Wars

Currently playing song

Play music on AirPlay speakers or Apple TV. Swipe up from the bottom edge of the screen to open Control Center, then tap ▭. See AirPlay on page 29.

Album Wall

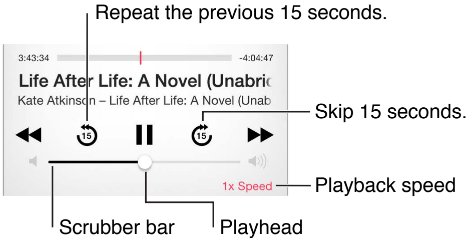
Rotate iPod touch to view your album art.



Swipe left or right to see other albums. Tap an album to see its songs.

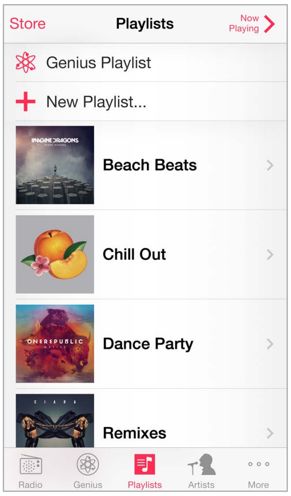
Audiobooks

Audiobook controls and info appear on the Now Playing screen when you begin playback.


Repeat the previous 15 seconds.
3:43:34
-4:04:47
Life After Life: A Novel (Unabric
Kate Atkinson – Life After Life: A Novel (Unab
Skip 15 seconds.
1x Speed
Playback speed
Scrubber bar
Playhead

Playlists

Create playlists to organize your music. View Playlists, tap New Playlist near the top of the list, then enter a title. Tap + to add songs or videos.


Store
Playlists
Now Playing
Genius Playlist
New Playlist...
Beach Beats
Chill Out
Dance Party
Remixes
Radio
Genius
Playlists
Artists
More

Edit a playlist. Select the playlist, then tap Edit.

- *Add more songs:* Tap +.
- *Delete a song:* Tap ⊖, then tap Remove. Deleting a song from a playlist doesn't delete it from iPod touch.
- *Change the song order:* Drag ≡.

New and changed playlists are copied to your iTunes library the next time you sync iPod touch with your computer, or through iCloud if you've subscribed to iTunes Match.

Clear or delete a playlist you created on iPod touch. Select the playlist, then tap Clear or Delete.

Remove a song from iPod touch. Tap Songs, swipe the song, then tap Delete. The song is deleted from iPod touch, but not from your iTunes library on your Mac or PC, or from iCloud.

Genius—made for you

A Genius playlist is a collection of songs from your library that go together. Genius is a free service, but it requires an Apple ID.

A Genius Mix is a selection of songs of the same kind of music, recreated from your library each time you listen to the mix.

Use Genius. Turn on Genius in iTunes on your computer, then sync iPod touch with iTunes. Genius Mixes are synced automatically, unless you manually manage your music. You can sync Genius playlists.

Browse and play Genius Mixes. Tap Genius (tap More first, if Genius isn't visible). Swipe left or right to access other mixes. To play a mix, tap ▶.

Make a Genius playlist. View Playlists, then tap Genius Playlist and choose a song. Or from the Now Playing screen, tap Create, then tap Genius Playlist.

- *Replace the playlist using a different song:* Tap New and pick a song.
- *Refresh the playlist:* Tap Refresh.
- *Save the playlist:* Tap Save. The playlist is saved with the title of the song you picked, and marked by ⚛.

Genius playlists created on iPod touch are copied to your computer when you sync with iTunes.

Note: Once a Genius playlist is synced to iTunes, you can't delete it directly from iPod touch. Use iTunes to edit the playlist name, stop syncing, or delete the playlist.

Delete a saved Genius playlist. Tap the Genius playlist, then tap Delete.

Siri and Voice Control

You can use Siri or Voice Control to control music playback. See Chapter 4, Siri, on page 35 and Voice Control on page 25.

Use Siri or Voice Control. Press and hold the Home button.

- *Play or pause music:* Say "play" or "play music." To pause, say "pause," "pause music," or "stop." You can also say "next song" or "previous song."
- *Play an album, artist, or playlist:* Say "play," then say "album," "artist," or "playlist" and the name.
- *Shuffle the current playlist:* Say "shuffle."
- *Find out more about the current song:* Say "what's playing," "who sings this song," or "who is this song by."
- *Use Genius to play similar songs:* Say "Genius" or "play more songs like this."

iTunes Match

iTunes Match stores your music library in iCloud—including songs imported from CDs—and lets you play your collection on iPod touch and your other iOS devices and computers. iTunes Match also lets you listen to iTunes Radio ad-free (see iTunes Radio on page 50). iTunes Match is offered as a paid subscription.

Note: iTunes Match may not be available in all areas. See support.apple.com/kb/HT5085.

Subscribe to iTunes Match in iTunes on your computer. Choose Store > Turn On iTunes Match, then click the Subscribe button.

Once you subscribe, iTunes adds your music, playlists, and Genius Mixes to iCloud. For more information, see www.apple.com/itunes/itunes-match.

Turn on iTunes Match. Go to Settings > Music. Turning on iTunes Match removes synced music from iPod touch.

Songs are downloaded to iPod touch when you play them. You can also download songs and albums manually—while browsing, tap ☁.

Note: When iTunes Match is on, downloaded music is automatically removed from iPod touch as space is needed, starting with the oldest and least-played songs. An iCloud icon (☁) appears next to removed songs and albums, indicating that the songs and albums are still available through iCloud but not stored locally on iPod touch.

Remove a song or album. Swipe left, then tap Delete.

Just show music that's been downloaded from iCloud. Go to Settings > Music, then turn off Show All Music.

Remove iPod touch from your list of "iTunes in the Cloud" devices. In iTunes on your computer, choose Store > View Account. Sign in, then click Manage Devices in the "iTunes in the Cloud" section.

Home Sharing

Home Sharing lets you play music, movies, and TV shows from the iTunes library on your Mac or PC. iPod touch and your computer must be on the same Wi-Fi network.

Note: Home Sharing requires iTunes 10.2 or later, available at www.itunes.com/download. Bonus content, such as digital booklets and iTunes Extras, can't be shared.

Play music from your iTunes library on iPod touch.

1. In iTunes on your computer, choose File > Home Sharing > Turn On Home Sharing. Log in, then click Create Home Share.
2. On iPod touch, go to Settings > Music, then log in to Home Sharing using the same Apple ID and password.
3. In Music, tap More, then tap Shared and choose your computer's library.

Return to content on iPod touch. Tap Shared and choose My iPod touch.

Music settings

Go to Settings > Music to set options for Music, including:

- Sound Check (to normalize the volume level of your audio content)
- Equalization (EQ)

  Note: EQ settings affect all sound output, including the headset jack and AirPlay. (These settings generally apply only to music played from the Music app.)

  The Late Night setting compresses the dynamic range of the audio output, reducing the volume of loud passages and increasing the volume of quiet passages. You might want to use this setting when listening to music on an airplane or in some other noisy environment. (The Late Night setting applies to all audio output—video as well as music.)
- Lyrics info
- Grouping by album artist

Set the volume limit. Go Settings > Music > Volume Limit.

Note: In some European Union (EU) countries, iPod touch may indicate when you're setting the volume above the EU recommended level for hearing safety. To increase the volume beyond this level, you may need to briefly release the volume control. To limit the maximum headset volume to this level, go to Settings > Music > Volume Limit and turn on EU Volume Limit. To prevent changes to the volume limit, go to Settings > General > Restrictions.

Prevent changes to the volume limit. Go to Settings > General > Restrictions > Volume Limit and tap Don't Allow Changes.

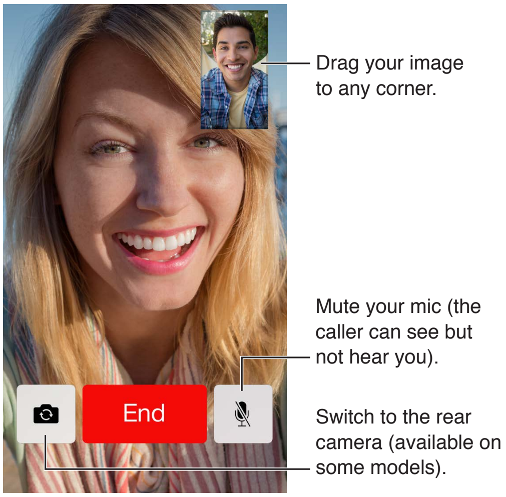
FaceTime

9

FaceTime at a glance

Use FaceTime to make video or audio calls to other iOS devices or computers that support FaceTime. The FaceTime camera lets you talk face-to-face; switch to the rear iSight camera (not available on all models) to share what you see around you.

Note: FaceTime may not be available in all areas.

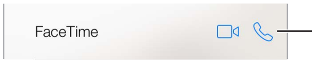


Drag your image to any corner.
Mute your mic (the caller can see but not hear you).
Switch to the rear camera (available on some models).
End

With a Wi-Fi connection and an Apple ID, you can make and receive FaceTime calls (first sign in using your Apple ID, or create a new account).

Make and answer calls

Make a FaceTime call. Make sure FaceTime is turned on in Settings > FaceTime. Tap FaceTime, then tap Contacts and choose a name. Tap 📹 to make a video call, or tap ☎ to make an audio call.



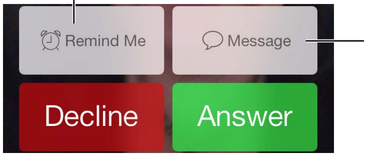
Tap an icon to start a FaceTime call.

Use your voice to start the call. Press and hold the Home button, then say "FaceTime," followed by the name of the person to call.

Want to call again? Tap Recents, then choose a name or number.

Can't take a call right now? When a FaceTime call comes in, you can answer, decline, or choose another option.

Set up a reminder to return the call later.



Send the caller a text message.

See the whole gang. Rotate iPod touch to use FaceTime in landscape orientation. To avoid unwanted orientation changes, lock iPod touch in portrait orientation. See Change the screen orientation on page 20.

Manage calls

Multitask during a call. Press the Home button, then tap an app icon. You can still talk with your friend, but you can't see each other. To return to the video, tap the green bar at the top of the screen.

Take advantage of Favorites. Tap Favorites. To add a favorite, Tap +, then choose a contact and add to Favorites as FaceTime Audio or FaceTime. To call a favorite, tap a name in the list. Make sure phone numbers for contacts outside your region include the country code and area code.

Juggle calls. FaceTime calls aren't forwarded. If another call comes in while you're on a FaceTime call, you can either end the FaceTime call and answer the incoming call, decline the incoming call, or reply with a text message.

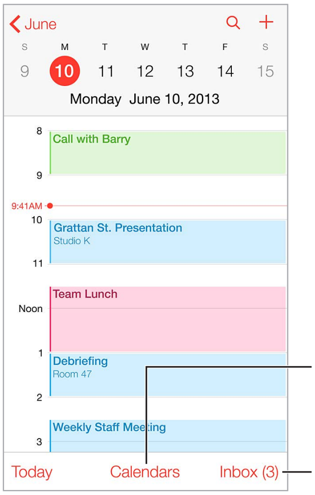
Block unwanted callers. Go to Settings > FaceTime > Blocked. You will not receive voice calls, FaceTime calls, or text messages from blocked callers. For more information about blocking calls, see support.apple.com/kb/HT5845.

Other options in Settings let you turn FaceTime on or off, specify a phone number, Apple ID, or email address to use with FaceTime, and set your caller ID.

Calendar

10

Calendar at a glance


June
S M T W T F S
9 10 11 12 13 14 15
Monday June 10, 2013
8
Call with Barry
9
9:41AM
10
Grattan St. Presentation
Studio K
11
Team Lunch
Noon
1
Debriefing
Room 47
2
Weekly Staff Meeting
3
Today
Calendars
Inbox (3)

Change calendars or accounts.

View invitations.

Search for events. Tap 🔍, then enter text in the search field. The titles, invitees, locations, and notes for the calendars you're viewing are searched.

View a weekly calendar. Rotate iPod touch sideways.

Change your view. Tap a year, month, or day to zoom in or out on your calendar.

Adjust an event. Touch and hold the event, then drag it to a new time, or adjust the grab points.

Invitations

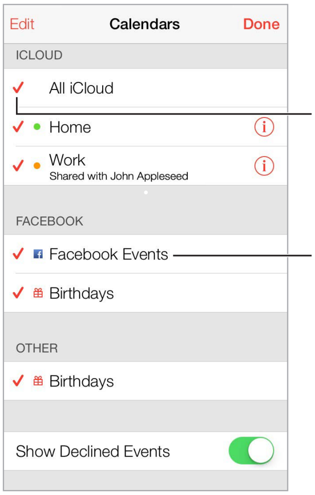
If you have an iCloud account, a Microsoft Exchange account, or a supported CalDAV account, you can send and receive meeting invitations.

Invite others to an event. Tap an event, tap Edit, then tap Invitees. Type names, or tap ⊕ to pick people from Contacts.

RSVP. Tap an event you've been invited to, or tap Inbox and tap an invitation. If you add comments (which may not be available for all calendars), your comments can be seen by the organizer but not by other attendees. To see events you've declined, tap Calendars, then turn on Show Declined Events.

Schedule a meeting without blocking your schedule. Tap the event, then tap Availability and tap "free." If it's an event you created, tap "Show As" and then tap "free." The event stays on your calendar, but it doesn't appear as busy to others who send you invitations.

Use multiple calendars



ICLOUD

✓ All iCloud

✓ ● Home ⓘ

✓ ● Work ⓘ
Shared with John Appleseed

FACEBOOK

✓ Facebook Events

✓ Birthdays

OTHER

✓ Birthdays

Show Declined Events ●

Select which calendars to view.

Turn on Facebook events in Settings > Facebook.

Turn on iCloud, Google, Exchange, or Yahoo! calendars. Go to Settings > Mail, Contacts, Calendars, tap an account, then turn on Calendar.

Add a CalDAV account. Go to Settings > Mail, Contacts, Calendars, tap Add an Account, then tap Other. Under Calendars, tap Add CalDAV Account.

View Facebook events. Go to Settings > Facebook, then sign in to your Facebook account and turn on access to Calendar.

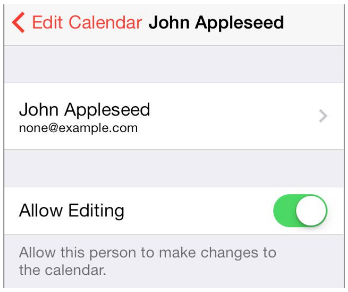
See multiple calendars at once. Tap Calendars, then select the calendars you want to view.

Move an event to another calendar. Tap the event, tap Edit, then select a calendar to move it to.

You can subscribe to any calendar that uses the iCalendar (.ics) format. Supported calendar-based services include iCloud, Yahoo!, Google, and the Calendar application in OS X. You can read events from a subscribed calendar on iPod touch, but you can't edit events or create new ones.

Subscribe to a calendar. Go to Settings > Mail, Contacts, Calendars, then tap Add Account. Tap Other, then tap Add Subscribed Calendar. Enter the server and filename of the .ics file to subscribe to. You can also subscribe to an iCalendar (.ics) calendar published on the web, by tapping a link to the calendar.

Share iCloud calendars



Edit Calendar John Appleseed

John Appleseed
none@example.com

Allow Editing

Allow this person to make changes to the calendar.

You can share an iCloud calendar with other iCloud users. When you share a calendar, others can see it, and you can let them add or change events. You can also share a read-only version that anyone can view.

Create an iCloud calendar. Tap Calendars, tap Edit, then tap Add Calendar in the iCloud section.

Share an iCloud calendar. Tap Calendars, tap Edit, then tap the iCloud calendar you want to share. Tap Add Person and enter a name, or tap ⊕ to browse your Contacts. Those you invite receive an email invitation to join the calendar, but they need an iCloud account in order to accept.

Change a person's access to a shared calendar. Tap Calendars, tap Edit, tap the shared calendar, then tap the person. You can turn off their ability to edit the calendar, resend the invitation to join the calendar, or stop sharing the calendar with them.

Turn off notifications for shared calendars. When someone modifies a shared calendar, you're notified of the change. To turn off notifications for shared calendars, go to Settings > Mail, Contacts, Calendars > Shared Calendar Alerts.

Share a read-only calendar with anyone. Tap Calendars, tap Edit, then tap the iCloud calendar you want to share. Turn on Public Calendar, then tap Share Link to copy or send the URL for the calendar. Anyone can use the URL to subscribe to your calendar using a compatible app, such as Calendar for iOS or OS X.

Calendar settings

Several settings in Settings > Mail, Contacts, Calendars affect Calendar and your calendar accounts. These include:

- Syncing of past events (future events are always synced)
- Alert tone played for new meeting invitations
- Default calendar for new events
- Default time for alerts
- Calendar time zone support, to show dates and times using a different time zone
- Which day starts the week

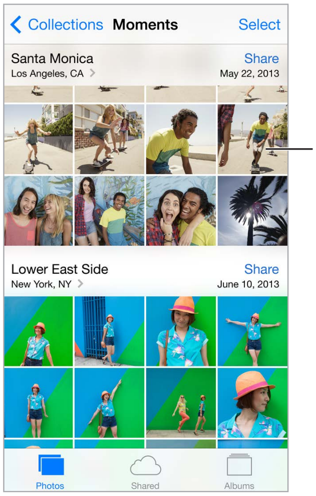
Photos

11

View photos and videos

Photos lets you view your:

- Camera Roll—photos and videos you took on iPod touch, or saved from an email, text message, webpage, or screenshot
- Shared photos and videos—Photos and videos that you've shared with iCloud Photo Sharing or that other have shared with you (see iCloud Photo Sharing on page 63)
- Photos and videos synced from your computer (see Sync with iTunes on page 16)


Collections
Moments
Select
Santa Monica
Los Angeles, CA
Share
May 22, 2013
Lower East Side
New York, NY
Share
June 10, 2013
Photos
Shared
Albums

Tap to view full-screen.

View your photos and videos. Tap Photos. Photos automatically organizes your photos and videos by year, by collection, and by moment. To quickly browse the photos in a collection or year, touch and hold for a moment, then drag.

By default, Photos displays a representative subset of your photos when you view by year or by collection. To see all your photos, go to Settings > Photos & Camera and turn off Summarize Photos.

View by events or by faces. Albums you sync with iPhoto 8.0 or later, or Aperture v3.0.2 or later, can be viewed by events or by faces. Tap Albums, then scroll to find Events or Faces.

View by location. While viewing by year or by collection, tap >. Photos and videos that include location information appear on a map, showing where they were taken.

While viewing a photo or video, tap to show and hide the controls. Swipe left or right to go forward or backward.

Zoom in or out. Double-tap, or pinch and stretch a photo. When you zoom in, you can drag to see other parts of the photo.

Play a video. Tap ▶. To toggle between full-screen and fit-to-screen, double-tap the display.

Play a slideshow. While viewing a photo, tap ⍐, then tap Slideshow. Select options, then tap Start Slideshow. To stop the slideshow, tap the screen. To set other slideshow options, go to Settings > Photos & Camera.

To stream a slideshow or video to a TV, see AirPlay on page 29.

Organize your photos and videos

Create a new album. Tap Albums, tap +, enter a name, then tap Save. Select photos and videos to add to the album, then tap Done.

Note: Albums created on iPod touch aren't synced back to your computer.

Add items to an existing album. While viewing thumbnails, tap Select, select items, tap Add To, then select the album.

Manage albums. While viewing your album list, tap Edit.

- *Rename an album:* Select the album, then enter a new name.
- *Rearrange albums:* Drag ≡.
- *Delete an album:* Tap ⊖.

Only albums created on iPod touch can be renamed or deleted.

iCloud Photo Sharing

Share streams of photos and videos with people you choose. Friends you've chosen who have an iCloud account—and iOS 6 or later or OS X Mountain Lion or later—can join your stream, view the photos you add, and leave comments. If they have iOS 7, they can add their own photos and videos to the stream. You can also publish your stream to a website for anyone to view.

Note: To use iCloud Photo Sharing, iPod must be connected to a Wi-Fi network.

Turn on iCloud Photo Sharing. Go to Settings > iCloud > Photos.

Create a shared stream. While viewing a photo or video, or when you've selected multiple photos or videos, tap ⍐, tap iCloud, tap Stream, then tap New Shared Stream. You can send an invitation by text or email.

Enable a public website. Select the shared stream, tap People, then turn on Public Website. Tap Share Link to announce the site, if desired.

Add items to a shared stream. View a shared stream, tap +, select items, then tap Done. You can add a comment, then tap Post. You can also add items to a shared stream when you're viewing photos or albums. Tap ⍐, tap iCloud, tap Stream, then select the shared stream or create a new one.

Delete photos from a shared stream. Select the photo stream, tap Select, select the photos or videos you want to delete, then tap 🗑. You must be the owner of the stream, or the owner of the photo.

Delete comments from a shared stream. Select the photo or video that contains the comment. Touch and hold the comment, then tap Delete. You must be the owner of the stream, or the owner of the comment.

Rename a photo stream. While viewing Shared Streams, tap Edit, then tap the name and enter a new one.

Add or remove subscribers, or turn Notifications on or off. Select the photo stream, then tap People.

Subscribe to a shared stream. When you receive an invitation, tap the Shared tab (☁), then tap Accept.

Add items to a shared stream you subscribed to. View the shared stream, then tap +, select items, then tap Done. You can add a comment, then tap Post.

My Photo Stream

View the photos you take with iPod touch on your other devices, automatically. Turn on My Photo Stream in Settings > Photos & Camera. You can also turn on My Photo Stream in Settings > iCloud > Photos.

Photos you take are automatically added to My Photo Stream when you leave the Camera app and iPod touch is connected to the Internet via Wi-Fi. All photos added to your Camera Roll—including screen shots and photos saved from email, for example—appear in My Photo Stream.

Photos added to My Photo Stream on your other devices also appear in My Photo Stream on iPod touch. iOS devices can keep up to 1000 of your most recent photos in My Photo Stream; your computers can keep all My Photo Stream photos permanently.

Note: Photo stream photos don't count against your iCloud storage.

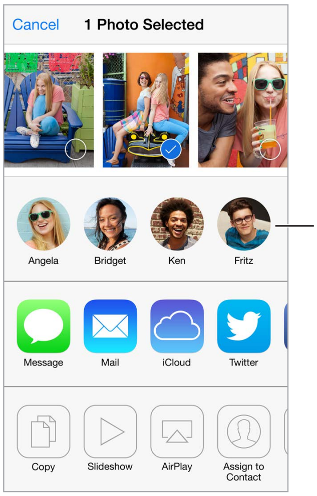
Manage My Photo Stream contents. In your My Photo Stream album, tap Select.

- *Save your best shots to an album on iPod touch:* Select the photos, then tap Add To.
- *Share, print, copy, or save photos to your Camera Roll album:* Select the photos, then tap ⇧.
- *Delete photos:* Select the photos, then tap 🗑.

Note: Although deleted photos are removed from My Photo Stream on all your devices, the original photos remain in the Camera Roll on the device where they were originally taken. Photos that you save to another album on a device or computer are also not deleted. To delete photos from My Photo Stream, you need iOS 5.1 or later on iPod touch and on your other iOS devices. See support.apple.com/kb/HT4486.

Share photos and videos

You can share photos and videos in email, text messages, and tweets, and on Facebook and Flickr. Videos can be shared in email and text messages, and on YouTube, Facebook, and Vimeo. You can also share photos and videos using Photo Sharing, described above.


Cancel
1 Photo Selected
Angela
Bridget
Ken
Fritz
Message
Mail
iCloud
Twitter
Copy
Slideshow
AirPlay
Assign to Contact

Tap to share with a nearby friend using AirDrop.

Share or copy a photo or video. View a photo or video, then tap 📤. If you don't see 📤, tap the screen to show the controls.

The size limit of attachments is determined by your service provider. iPod touch may compress photo and video attachments, if necessary.

You can also copy a photo or video, and then paste it into an email or text message.

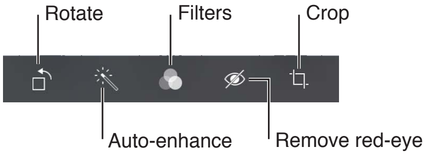
Share or copy multiple photos and videos. While viewing by moment, tap Share.

Save or share a photo or video you receive.

- *Email:* Tap to download it if necessary, then touch and hold the item to see sharing and other options.
- *Text message:* Tap the item in the conversation, then tap 📤.

Photos and videos that you receive in messages or save from a webpage are saved to your Camera Roll album.

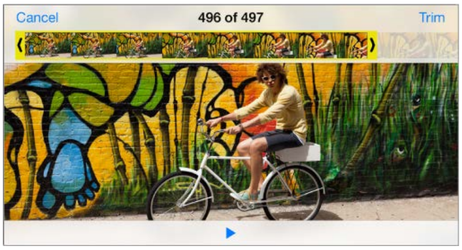
Edit photos and trim videos



You can edit photos right on iPod touch. While viewing a photo full-screen, tap Edit, then tap one of the tools.

- Auto-enhance improves a photo's exposure, contrast, saturation, and other qualities.
- Photo filters lets you apply different color effects, including black & white.
- With the Remove Red-eye tool, tap each eye that needs correcting.
- Crop by dragging the corners of the grid.

Don't like the results? Tap the tool again to return to the original.



Trim a video. Tap the screen to display the controls, drag either end of the frame viewer, then tap Trim.

Important: If you choose Trim Original, the trimmed frames are permanently deleted from the original video. If you choose "Save as New Clip," a new trimmed video clip is saved in your Camera Roll album and the original video is unaffected.

Print photos

Print to an AirPrint-enabled printer.

- *Print a single photo:* Tap ⍐, then tap Print.
- *Print multiple photos:* While viewing a photo album, tap Select, select the photos, tap ⍐, then tap Print.

See AirPrint on page 29.

Photos settings

Settings for Photos are in Settings > Photos & Camera. These include:

- My Photo Stream and Photo Sharing
- Slideshow

Camera

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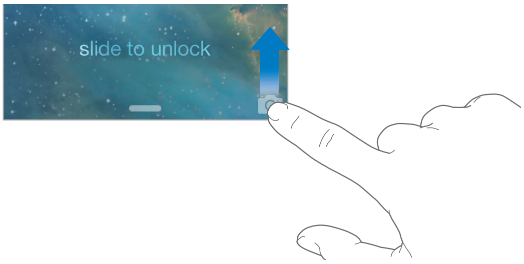
Camera at a glance

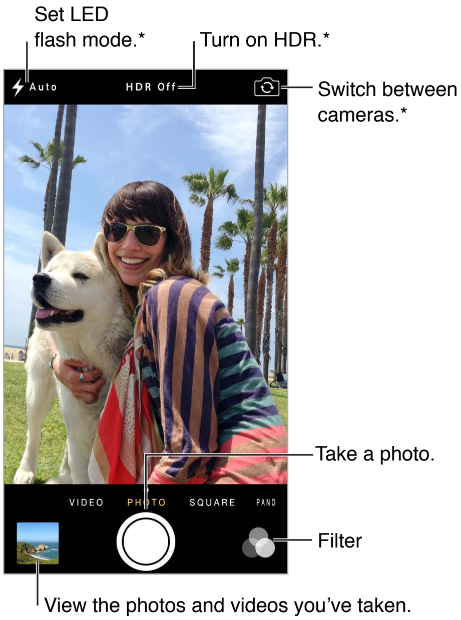
Quick! Get the camera! From the Lock screen, just swipe 📷 up. Or swipe up from the bottom edge of the screen to open Control Center, then tap 📷.

Note: When you open Camera from the Lock screen, your can view (and even edit) photos and videos by tapping the thumbnail at the lower-left corner of the screen. To share photos and videos, first unlock iPod touch.



With iPod touch, you can take both still photos and videos using the FaceTime camera on the front or, on some models, the iSight camera on the back.

The LED flash (models with an iSight camera) provides extra light when you need it—even as a flashlight, just a swipe away in Control Center. See Control Center on page 26.


Set LED flash mode.*
Turn on HDR.*
Auto
HDR Off
Switch between cameras.*
Take a photo.
VIDEO
PHOTO
SQUARE
PANO
Filter
View the photos and videos you've taken.

*Models with an iSight camera.

Take photos and videos

Camera offers several modes, which let you shoot stills, square-format photos, videos, and on models with an iSight camera, panoramas.

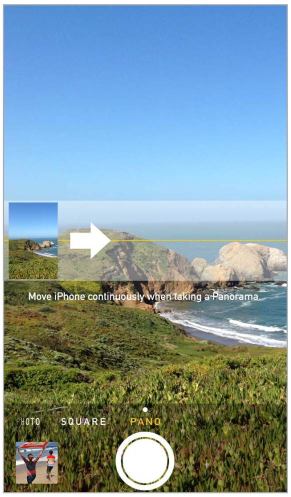
Choose a mode. Drag the screen left or right to choose Video, Photo, Square, or Pano.

Take a photo. Choose Photo, then tap the shutter button or press either volume button—handy for shooting in landscape orientation and stabilizing the camera.

- *Make it square:* Choose Square.
- *Apply a filter:* Tap to apply different color effects, such as black & white. To turn off a filter, tap, then tap None. You can also apply a filter later, when you edit the photo. See Edit photos and trim videos on page 66.

A rectangle briefly appears where the exposure is set. When you photograph people, face detection balances the exposure across up to 10 faces. A rectangle appears for each face detected.

Exposure is automatic, but you can set the exposure manually for the next shot by tapping an object or area on the screen. With an iSight camera, tapping the screen sets the focus as well as the exposure. Face detection is temporarily turned off. To lock the exposure and focus until you tap the screen again, touch and hold until the rectangle pulses.



Move iPhone continuously when taking a Panorama

Take a panorama photo. (iSight camera) Choose Pano, tap the shutter button, then pan slowly in the direction of the arrow. To pan in the other direction, first tap the arrow. To pan vertically, first rotate iPod touch to landscape orientation. You can reverse the direction of the vertical pan, too.

Shoot some video. Choose Video, then tap the Shutter button to start and stop recording.

Zoom in or out. (iSight camera) Stretch or pinch the image on the screen.

If Location Services is turned on, photos and videos are tagged with location data that can be used by apps and photo-sharing websites. See Privacy on page 31.

Want to capture what's displayed on your screen? Simultaneously press and release the Sleep/Wake and Home buttons. The screenshot is added to your Camera Roll.

You can edit photos and trim videos, right on iPod touch. See Edit photos and trim videos on page 66.

HDR

HDR ("high dynamic range") helps you get great shots, even in high-contrast situations. The best parts of three quick shots, taken at different exposures (long, normal, and short), are blended together into a single photo.

Use HDR. (iSight camera) Tap HDR. The flash is temporarily turned off. For best results, keep both the camera and the subject still.

Keep the normal photo in addition to the HDR version. Go to Settings > Photos and Camera.

HDR versions of photos in your Camera Roll are marked with "HDR" in the corner.

View, share, and print

Photos and videos you take are saved in your Camera Roll. With Photo Stream, new photos also appear in your Photo Stream on iPod touch and your other iOS devices and computers. See My Photo Stream on page 64.

View your Camera Roll. Tap the thumbnail image, then swipe left or right. You can also view your Camera Roll in the Photos app.

Tap the screen to show or hide the controls.

Get sharing and printing options. Tap ⍐. See AirDrop, iCloud, and other ways to share.

Upload photos and videos to your computer. Connect iPod touch to your computer to upload items to iPhoto or another supported application on your Mac or PC. If you delete photos or videos in the process, they're removed from your Camera Roll album.

Sync photos and videos to iPod touch from your Mac. Use the Photos settings pane in iTunes. See Sync with iTunes on page 16.

Camera settings

Go to Settings > Photos & Camera for camera options, which include:

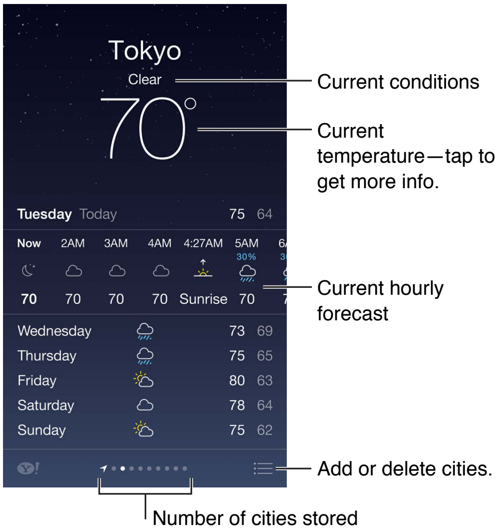
- photo streams
- slideshow
- grid

Adjust the volume of the shutter sound with the Ringer and Alerts settings in Settings > Sounds. Or mute the sound using the Ring/Silent switch. (In some countries muting is disabled.)

Weather

13

Get the current temperature and six-day forecast for one or more cities around the world, with hourly forecasts for the next 12 hours. Weather uses Location Services to get the forecast for your current location.



Tokyo
Clear
70°
Tuesday Today 75 64
Now 2AM 3AM 4AM 4:27AM 5AM
30%
70 70 70 70 Sunrise 70
Current conditions
Current temperature—tap to get more info.
Current hourly forecast
Add or delete cities.
Number of cities stored

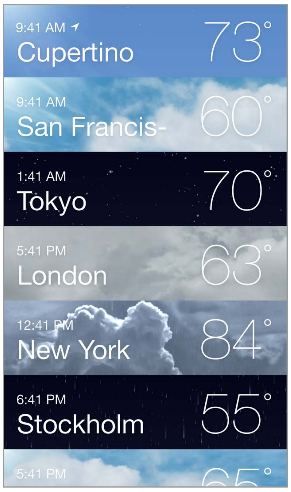
Wednesday	73 69
Thursday	75 65
Friday	80 63
Saturday	78 64
Sunday	75 62

Swipe left or right to see weather for another city, or tap ☰ and choose a city from the list. The leftmost screen shows your local weather.

Add a city or make other changes. Tap ☰.

- *Add a city:* Tap +. Enter a city or zip code, then tap Search.
- *Rearrange the order of cities:* Touch and hold a city, then drag it up or down.
- *Delete a city:* Slide the city to the left, then tap Delete.
- *Choose Fahrenheit or Celsius:* Tap °F or °C.

View the current hourly forecast. Swipe the hourly display left or right.


9:41 AM
Cupertino
73°
9:41 AM
San Francis-
60°
1:41 AM
Tokyo
70°
5:41 PM
London
63°
12:41 PM
New York
84°
6:41 PM
Stockholm
55°
5:41 PM
65°

See all cities at once. Pinch the screen or tap ☰.

Turn local weather on or off. Go to Settings > Privacy > Location Services. See Privacy on page 31.

Use iCloud to push your list of cities to your other iOS devices. Go to Settings > iCloud > Documents & Data, and make sure Documents & Data is on (it's on by default). See iCloud on page 14.

Clock

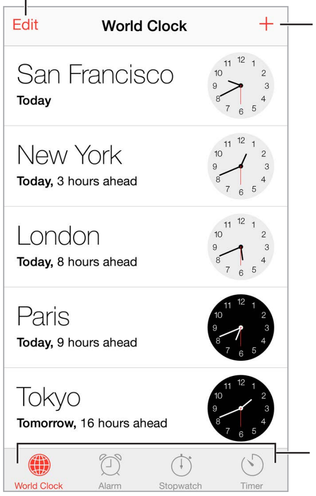
14

Clock at a glance

The first clock displays the time based on your location when you set up iPod touch. Add other clocks to show the time in other major cities and time zones.

Delete clocks or change their order.

Add a clock.



Edit
World Clock
+

San Francisco
Today

New York
Today, 3 hours ahead

London
Today, 8 hours ahead

Paris
Today, 9 hours ahead

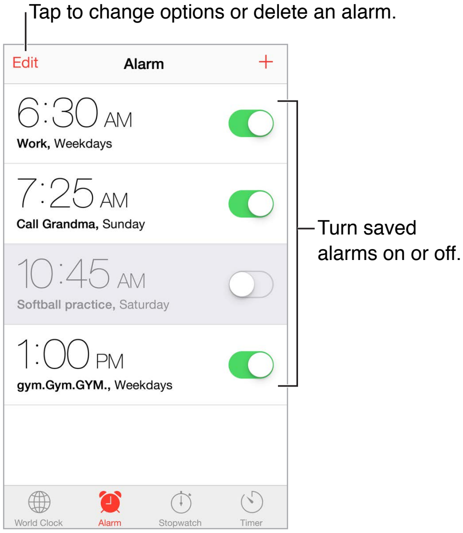
Tokyo
Tomorrow, 16 hours ahead

World Clock
Alarm
Stopwatch
Timer

View clocks, set an alarm, time an event, or set a timer.

Alarms and timers

Want iPod touch to wake you? Tap Alarm, then tap +. Set your wake-up time and other options, then give the alarm a name (like "Soccer practice").



Tap to change options or delete an alarm.

Turn saved alarms on or off.

Edit
Alarm
+
6:30 AM
Work, Weekdays
7:25 AM
Call Grandma, Sunday
10:45 AM
Softball practice, Saturday
1:00 PM
gym.Gym.GYM., Weekdays
World Clock
Alarm
Stopwatch
Timer

No wasting time! You can also use the stopwatch to keep time, record lap times, or set a timer to alert you when time's up. If you're boiling an egg, just tell Siri to "Set the timer for 3 minutes."

Want to fall asleep to music or a podcast? Tap Timer, then tap When Timer Ends and choose Stop Playing at the bottom.

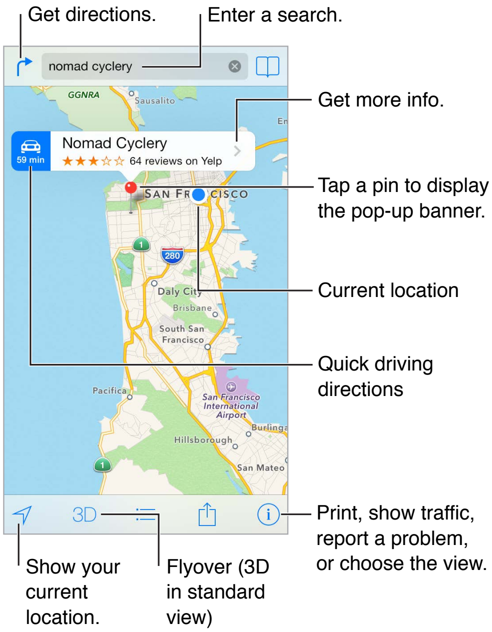
Get quick access to clock features. Swipe up from the bottom edge of the screen to open Control Center, then tap ⏰. You can access alarms in Control Center even when iPod touch is locked.

Maps

15

Find places

WARNING: For important information about navigating safely and avoiding distraction while driving, see Important safety information on page 124.


Get directions.
Enter a search.
nomad cyclery
Get more info.
Nomad Cyclery
64 reviews on Yelp
59 min
Tap a pin to display the pop-up banner.
Current location
Quick driving directions
3D
Print, show traffic, report a problem, or choose the view.
Show your current location.
Flyover (3D in standard view)

Important: Maps, directions, Flyover, and location-based apps depend on data services. These data services are subject to change and may not be available in all areas, resulting in maps, directions, Flyover, or location-based information that may be unavailable, inaccurate, or incomplete. Some Maps features require Location Services. See Privacy on page 31.

Move around Maps by dragging the screen. To face a different direction, rotate with two fingers. To return to north, tap the compass in the upper-right.

Zoom in or out. Double-tap with one finger to zoom in and tap with two fingers to zoom out—or just pinch and stretch. The scale appears in the upper-left while zooming. To change how distance is shown (miles or kilometers), go to Settings > Maps.

You can search for a location in different ways:

- Intersection (“8th and market”)
- Area (“greenwich village”)
- Landmark (“guggenheim”)
- Zip code
- Business (“movies,” “restaurants san francisco ca,” “apple inc new york”)

Or if Maps guesses where you’re headed while you’re entering a search, tap that location in the list below the search field.

Find the location of a contact, or of a bookmarked or recent search. Tap 📖.

Choose your view. Tap ⓘ, then choose Standard, Hybrid, or Satellite.

Manually mark a location. Touch and hold the map until the dropped pin appears.

Get more info

Get info about a location. Tap a pin to display its banner, then tap ›. Info might include Yelp reviews and photos, a web page link, directions, and more.

Tap Share to share the location. See AirDrop, iCloud, and other ways to share on page 28.

Get directions

Note: To get directions, iPod touch must be connected to the Internet. To get directions involving your current location, Location Services must also be on.

Get driving directions. Tap ↱, tap 🚗, enter the starting and ending locations, then tap Route. Or choose a location or a route from the list, if available. If multiple routes appear, tap the one you want to take. Tap Start, then swipe left to see the next instruction.

- *See the route overview:* Tap Overview.
- *View the directions as a list:* Tap ☰.

Get directions from your current location. Tap 🚗 on the banner of your destination. If you’re a walker, set your directions preference to Walking in Settings > Maps.

Get walking directions. Tap ↱, then tap 🚶. Enter the starting and ending locations, then tap Route. Or choose a location or a route from the list, if available. Tap Start, then swipe left to see the next instruction.

Get public transit directions. Tap ↱, then tap 🚌. Enter the starting and ending locations, then tap Route. Or choose a location or a route from the list, if available. Download and open the routing apps for the transit services you want to use.

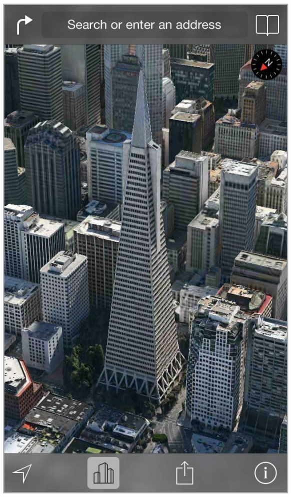
Find out about traffic conditions. Tap ⓘ, then tap Show Traffic. Orange dots show slowdowns, and red dots show stop-and-go traffic. To see an incident report, tap a marker.

Report a problem. Tap ⓘ, then tap Report a Problem.

3D and Flyover

With 3D and Flyover, you can see three-dimensional views and even fly over many of the world's major cities. Zoom in until 3D or 🏙 appears, then tap the button. Or drag two fingers up. You can switch between 3D and Flyover by tapping ⓘ and changing views.

Adjust the camera angle. Drag two fingers up or down.



The Transamerica Pyramid Building is a registered service mark of Transamerica Corporation.

Maps settings

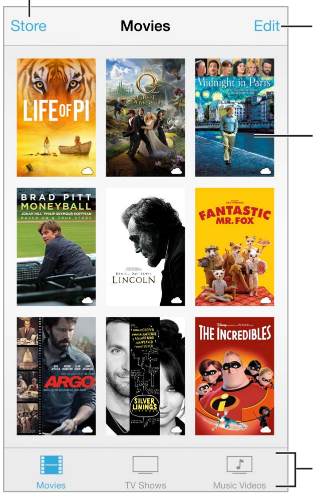
Go to Settings > Map. Settings include:

- Distances in mile or kilometers
- Map labels always appear in the language specified in Settings > General > International > Language
- Preferred directions by driving or walking

Videos

16

Videos at a glance


Store
Movies
Edit
LIFE OF PI
Midnight in Paris
BRAD PITT MONEYBALL
LINCOLN
FANTASTIC MR. FOX
ARGO
SILVER LININGS
THE INCREDIBLES
Movies
TV Shows
Music Videos

Add to your library.

Delete videos from your library.

Tap a video to play it.

Choose category.

> *WARNING:* For important information about avoiding hearing loss, see Important safety information on page 124.

Watch a video. Tap the video in the list of videos.

What about videos you shot with iPod touch? Open the Photos app.

Stream or download? If ☁ appears on a video thumbnail, you can watch it without downloading it to iPod touch as long as you have an Internet connection. To download the video to iPod touch so you can watch without using a Wi-Fi connection, tap ⇩ in the video details.

Looking for podcasts or iTunes U videos? Download the free Podcasts app or iTunes U app from the App Store.

Set a sleep timer. Open the Clock app and tap Timer, then swipe to set the number of hours and minutes. Tap When Timer Ends and choose Stop Playing, tap Set, then tap Start.

Add videos to your library

Buy or rent videos on the iTunes Store. Tap Store in the Videos app, or open the iTunes Store app on iPod touch and tap Videos. See Chapter 22, iTunes Store, on page 90. Videos you purchase using your iTunes account are available in Videos on iPod touch, no matter which iOS device or computer you use to purchase them. The iTunes Store is not available in all areas.

Transfer videos from your computer. Connect iPod touch, then sync videos from iTunes on your computer. See Sync with iTunes on page 16.

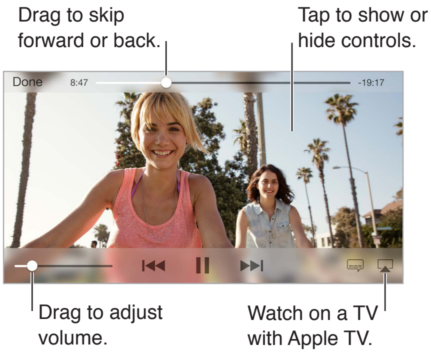
Stream videos from your computer. Turn on Home Sharing in iTunes on your computer. Then, on iPod touch, go to Settings > Videos and enter the Apple ID and password you used to set up Home Sharing on your computer. Then open Videos on iPod touch and tap Shared at the top of the list of videos.

Convert a video to work with iPod touch. If you try to sync a video from iTunes to iPod touch and a message says the video can't play on iPod touch, you can convert the video. Select the video in your iTunes library and choose File > Create New Version > "Create iPod or iPhone Version." Then sync the converted video to iPod touch.

Delete a video. Tap Edit in the upper right of your collection. To delete an individual episode of a series, swipe left on the episode in the Episodes list. Deleting a video (other than a rented movie) from iPod touch doesn't delete it from the iTunes library on your computer, and you can sync the video back to iPod touch later. If you don't want to sync the video back to iPod touch, set iTunes to not sync the video. See Sync with iTunes on page 16.

Important: If you delete a rented movie from iPod touch, it's deleted permanently and cannot be transferred back to your computer.

Control playback


Drag to skip forward or back.
Tap to show or hide controls.
Done
8:47
-19:17
Drag to adjust volume.
Watch on a TV with Apple TV.

Scale the video to fill the screen or fit to the screen. Tap ↖↘ or ↘↖. Or double-tap the video, to scale without showing the controls. If you don't see the scaling controls, your video already fits the screen perfectly.

Start over from the beginning. If the video contains chapters, drag the playhead along the scrubber bar all the way to the left. If there are no chapters, tap ⏮.

Skip to the next or previous chapter. Tap ⏭ or ⏮. You can also press the center button or equivalent on a compatible headset two times (skip to next) or three times (skip to previous).

Rewind or fast-forward. Touch and hold ⏮ or ⏭.

Select a different audio language. If the video offers other languages, tap 💬, then choose a language from the Audio list.

Show subtitles or closed captions. Tap 💬. Not all videos offer subtitles or closed captions.

Customize the appearance of closed captions. Go to Settings > General > Accessibility > Subtitles & Captioning.

Want to see closed captions and subtitles for the deaf and hard of hearing? Go to Settings > General > Accessibility > Subtitles & Captioning and turn on Closed Captions + SDH.

Watch the video on a TV. Tap ⏏. For more about AirPlay and other ways to connect, see AirPlay on page 29.

Videos settings

Go to Settings > Videos, where you can:

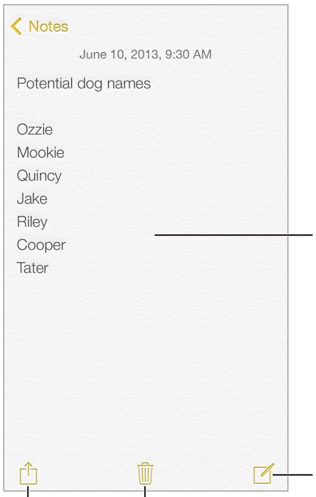
- Choose where to resume playback
- Choose to show only videos on iPod touch
- Log in to Home Sharing

Notes

17

Notes at a glance

Type notes on iPod touch, and iCloud automatically makes them available on your other iOS devices and Mac computers. You can also read and create notes in other accounts, such as Gmail or Yahoo!.



June 10, 2013, 9:30 AM

Potential dog names

Ozzie
Mookie
Quincy
Jake
Riley
Cooper
Tater

Tap to edit.

Write a new note.

Delete this note.

Share or print.

See your notes on your other devices. If you use an icloud.com, me.com, or mac.com email address for iCloud, go to Settings > iCloud and turn on Notes. If you use Gmail or another IMAP account for iCloud, go to Settings > Mail, Contacts, Calendars and turn on Notes for the account. Your notes appear on all your other iOS devices and Mac computers that use the same Apple ID.

Delete a note. Swipe left over the note in the list of notes.

Search for a note. Scroll to the top of a list of notes (or tap the top of the screen) to reveal the search field, then tap the field and type what you're looking for. You can also search for notes from the Home screen—just drag down the middle of the screen.

Share or print. Tap ⇪ at the bottom of the note. You can share via Messages, Mail, or AirDrop.

Use notes in multiple accounts

Share notes with other accounts. You can share notes with other accounts, such as Google, Yahoo!, or AOL. Go to Settings > Mail, Contacts, Calendars and turn on Notes for the account. To create a note in a specific account, tap Accounts at the top of a list of notes, select the account, then tap New. Notes you create in the account on iPod touch show up in the notes folder of the account.

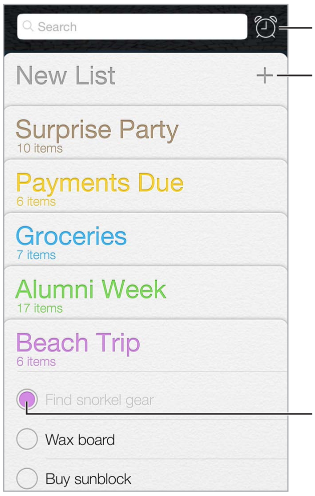
Choose the default account for new notes. Go to Settings > Notes.

See all notes in an account. Tap Accounts at the top of a list of notes, then choose the account.

Reminders

18

Reminders lets you keep track of all the things you need to do.


Search
New List
Surprise Party
10 items
Payments Due
6 items
Groceries
7 items
Alumni Week
17 items
Beach Trip
6 items
Find snorkel gear
Wax board
Buy sunblock

Scheduled items

Add a list.

Completed item

Add a reminder. Tap a list, then tap a blank line. You can choose which of your Mail, Contacts, and Calendars accounts is used to save the reminder.

Delete a list. While viewing a list, tap Edit, then tap Delete List.

Delete a reminder. Swipe the reminder left, then tap Delete.

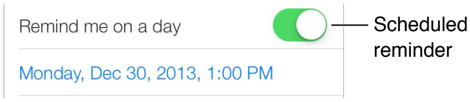
Change the order of lists. Touch and hold the list name, then drag the list to a new location. To change the order of items in a list, tap Edit.

What list was that in? Scroll to the top to see the search field. All lists are searched, by the reminder name. You can also use Siri to find reminders. For example say, "Find the reminder about milk."

Don't bother me now. You can turn off Reminder notifications in Settings > Notification Center. To silence them temporarily, turn on Do Not Disturb.

Scheduled reminders

Scheduled reminders notify you when they're due.



Remind me on a day

Monday, Dec 30, 2013, 1:00 PM

See all scheduled reminders. Tap ⏰ to show the Scheduled list.

Don't bother me now. You can turn off Reminder notifications in Settings > Notification Center. To silence notifications temporarily, turn on Do Not Disturb.

Reminders settings

Set the tone played for notifications. Go to Settings > Sounds.

Keep your reminders up to date on other devices. Go to Settings > iCloud and turn on Reminders. To keep up to date with Reminders on OS X turn on iCloud on your Mac, too. Some other types of accounts, such as Exchange, also support Reminders. Go to Settings > Mail, Contacts, Calendars and turn on Reminders for the accounts you want to use.

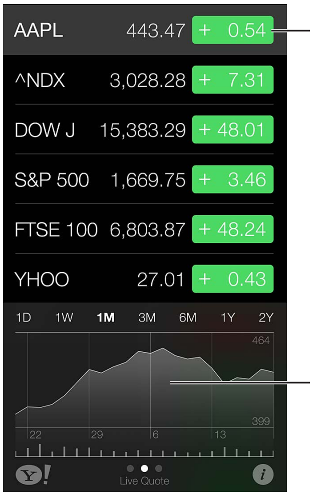
Set a default list for new reminders. Go to Settings > Reminders.

Stocks

19

Keep track of the major exchanges and your stock portfolio, see the change in value over time, and get news about the companies you're watching.

Note: To use Stocks, iPod touch must be connected to the Internet. See Connect to the Internet on page 13.



AAPL	443.47	+ 0.54
^NDX	3,028.28	+ 7.31
DOW J	15,383.29	+ 48.01
S&P 500	1,669.75	+ 3.46
FTSE 100	6,803.87	+ 48.24
YHOO	27.01	+ 0.43

Tap to see percent change. Tap again to see market capitalization.

Swipe left or right to see stats or news articles.

Manage your stock list. Tap ☰.

- *Add an item:* Tap +. Enter a symbol, company name, fund name, or index, then tap Search.
- *Delete an item:* Tap ⊖.
- *Rearrange the order of items:* Drag ≡ up or down.

While viewing stock info, you can tap any of the values along the right side of the screen to switch the display to price change, market capitalization, or percentage change. Swipe the info beneath the stock list to see the summary, chart, or news for the selected stock. Tap a news headline to view the article in Safari.

You can also see your stocks in the Today tab of Notification Center. See Notification Center on page 27.

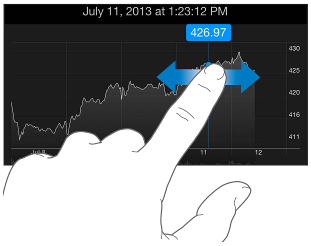
Note: Quotes may be delayed 20 minutes or more, depending upon the reporting service.

Add a news article to your reading list. Touch and hold the news headline, then tap Add to Reading List.

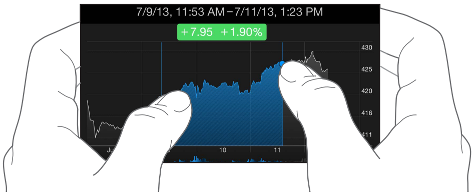
Find out more. Tap Y!.

View a full-screen chart. Rotate iPod touch to landscape orientation. Swipe left or right to see your other stock charts.

- *See the value for a specific date or time:* Touch the chart with one finger.


July 11, 2013 at 1:23:12 PM
426.97
430
425
420
416
411
11
12

- *See the difference in value over time:* Touch the chart with two fingers.


7/9/13, 11:53 AM–7/11/13, 1:23 PM
+7.95 +1.90%
430
425
420
416
411
10
11

Use iCloud to keep your stock list up to date on your iOS devices. Go to Settings > iCloud > Documents & Data, then turn on Documents & Data (it's on by default). See iCloud on page 14.

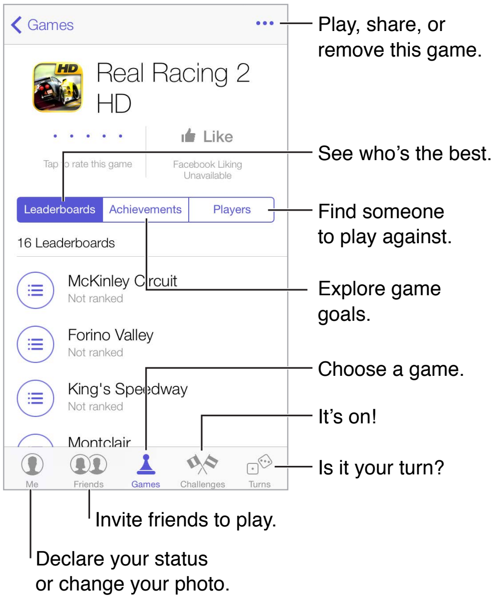
Game Center

20

Game Center at a glance

Game Center lets you play your favorite games with friends who have an iOS device or a Mac (OS X Mountain Lion or later). You must be connected to the Internet to use Game Center.

WARNING: For important information about avoiding repetitive motion injuries, see Important safety information on page 124.


Games
Real Racing 2 HD
Like
Tap to rate this game
Facebook Liking Unavailable
Leaderboards
Achievements
Players
16 Leaderboards
McKinley Circuit
Not ranked
Forino Valley
Not ranked
King's Speedway
Not ranked
Montclair
Me
Friends
Games
Challenges
Turns

Play, share, or remove this game.

See who's the best.

Find someone to play against.

Explore game goals.

Choose a game.

It's on!

Is it your turn?

Invite friends to play.

Declare your status or change your photo.

Get going. Open Game Center. If you see your nickname at the top of the screen, you're already signed in. Otherwise, you'll be asked for your Apple ID and password.

Get some games. Tap Games, then tap a recommended game. Or browse for games in the App Store (look for Supports Game Center in the game details). Or, get a game one of your friends has (see Play with friends on page 88).

Play! Tap Games, choose a game, tap ••• in the upper right, then tap Play.

Sign out. No need to sign out when you quit Game Center, but if you want to, go to Settings > Game Center and tap your Apple ID.

Play with friends

Invite friends to a multiplayer game. Tap Friends, choose a friend, choose a game, then tap Play. If the game allows or requires more players, choose additional players, then tap Next. Send your invitation, then wait for the others to accept. When everyone's ready, start the game. If a friend isn't available or doesn't respond to your invite, you can tap Auto-Match to have Game Center find another player for you, or tap Invite Friend to invite someone else.

Send a friend request. Tap Friends, tap +, then enter your friend's email address or Game Center nickname. To browse your contacts, tap ⊕. To add several friends in one request, type Return after each address. Or, tap anyone on the Friends page under A-Z, Recent, or Points, or any player you see anywhere in Game Center.

Challenge someone to outdo you. Tap one of your scores or achievements, then tap Challenge Friends.

What are your friends playing and how are they doing? Tap Friends, tap your friend's name, then tap the Games or Points bubble.

Want to purchase a game your friend has? Tap Friends, then tap your friend's name. Tap their Games bubble, tap the game in the list, then tap ••• in the upper right.

Make new friends. To see a list of your friend's friends, tap Friends, tap your friend's name, then tap their Friends bubble.

Unfriend a friend. Tap Friends, tap the friend's name, then tap ••• in the upper right.

Keep your email address private. Turn off Public Profile in your Game Center account settings. See "Game Center settings" below.

Turn multiplayer activity or friend requests on or off. Go to Settings > General > Restrictions. If the switches are grayed, first tap Enable Restrictions at the top.

Keep it friendly. To report offensive or inappropriate behavior, tap Friends, tap the person's name, tap ••• in the upper right, then tap Report a Problem.

Game Center settings

Go to Settings > Game Center, where you can:

- Sign out (tap your Apple ID)
- Allow invites
- Let nearby players find you
- Edit your Game Center profile (tap your nickname)
- Get friend recommendations from Contacts or Facebook

Specify which notifications you want for Game Center. Go to Settings > Notification Center > Game Center. If Game Center doesn't appear, turn on Notifications.

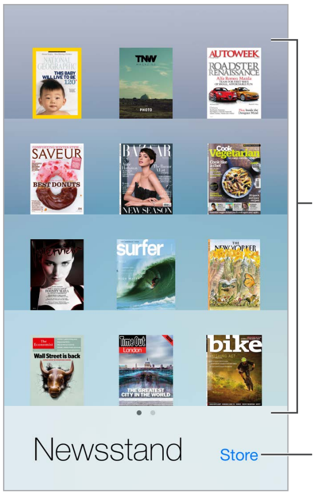
Change restrictions for Game Center. Go to Settings > General > Restrictions.

Newsstand

21

Newsstand at a glance

Newsstand organizes your magazine and newspaper apps, and automatically updates them when iPod touch is connected to Wi-Fi.



Touch and hold a publication to rearrange.

Find Newsstand apps.

Find Newsstand apps. Tap Newsstand to reveal the shelf, then tap Store. When you purchase a Newsstand app, it's added to the shelf. After the app is downloaded, open it to view its issues and subscription options. Subscriptions are In-App purchases, billed to your store account.

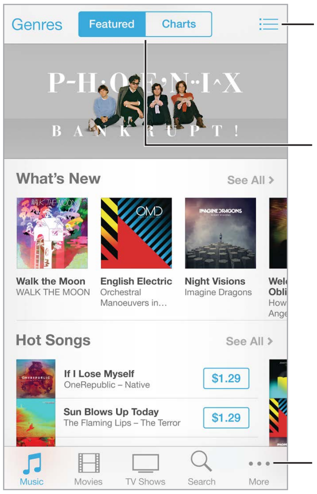
Turn off automatic updates. Apps update automatically over Wi-Fi, unless you turn off the option in Settings > iTunes & App Store > Automatic Downloads.

iTunes Store

22

iTunes Store at a glance

Use the iTunes Store to add music, movies, and TV shows to iPod touch.


Genres
Featured
Charts
P-H-O-E-N-I-X
B A N K R U P T !
What's New
See All >
Walk the Moon
WALK THE MOON
English Electric
Orchestral Manoeuvers in…
Night Visions
Imagine Dragons
Hot Songs
See All >
If I Lose Myself
OneRepublic – Native
$1.29
Sun Blows Up Today
The Flaming Lips – The Terror
$1.29
Music
Movies
TV Shows
Search
More

View your recent history.

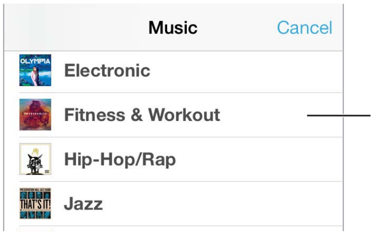
Browse

See downloads, purchases, tones, audiobooks, and more.

Note: You need an Internet connection and an Apple ID to use the iTunes Store. The iTunes Store is not available in all areas.

Browse or search

Browse by genre. Tap one of the categories (Music, Movies, or TV Shows). Tap Genres to refine the list.


Music
Cancel
Electronic
Fitness & Workout
Hip-Hop/Rap
Jazz

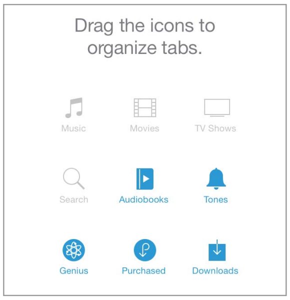
Tap a genre to see more about it.

If you know what you're looking for, tap Search. Enter info in the search field, then tap Search again.

Discover great new music on iTunes Radio. When you listen to iTunes Radio and hear a song you like, you can connect to iTunes Store to purchase it, add it to your wish list, or discover similar music. See iTunes Radio on page 50.

Preview a song or video. Tap it.

Tired of tapping More? To rearrange the buttons, tap More, then tap Edit. To replace a button, drag another icon over the one you want to replace. Then tap Done.


Drag the icons to organize tabs.

Purchase, rent, or redeem

Tap an item's price (or tap Free), then tap again to buy it. If you see ☁ instead of a price, you've already purchased the item and you can download it again without a charge.

Use a gift card or code. Tap a category (like Music), scroll to the bottom, then tap Redeem. To send a gift, view the item you want to give, then tap ⇧ and Gift.

See the progress of a download. Tap More, then tap Downloads.

Bought something on another device? Go to Settings > iTunes & App Store to set up automatic downloads to your iPod touch. To see your purchased music, movies, and TV shows, in iTunes Store, tap More, then tap Purchased.

Watch your time with rentals. In some areas, you can rent movies. You have 30 days to begin watching a rented movie. After you start watching it, you can play it as many times as you want in the allotted time (24 hours within the U.S. iTunes Store; 48 hours in other countries). Once your time's up, the movie is deleted. Rentals can't be transferred to another device; however, you can use AirPlay and Apple TV to view a rental on your television.

iTunes Store settings

To set options for iTunes Store, go to Settings > iTunes & App Store. You can:

View or edit your account. Tap your Apple ID, then tap View Apple ID. To change your password, tap the Apple ID field.

Sign in with a different Apple ID. Tap your account name, then tap Sign Out. You can then enter a different Apple ID.

Turn iTunes Match on or off. Tap iTunes Match, if you subscribe to the service that stores your music in iCloud, so you can access it anywhere.

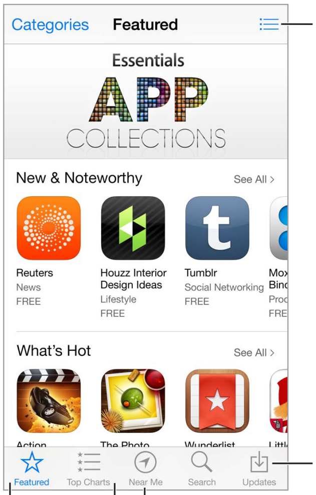
Turn off automatic downloads. Tap Music, Books, or Updates. Content updates automatically over Wi-Fi, unless you turn off the option in Automatic Downloads.

App Store

23

App Store at a glance

Use the App Store to browse, purchase, and download apps to iPod touch.


Categories
Featured
Essentials
APP
COLLECTIONS
New & Noteworthy
See All >
Reuters
News
FREE
Houzz Interior Design Ideas
Lifestyle
FREE
Tumblr
Social Networking
FREE
What's Hot
See All >
Action
The Photo
Wunderlist
Featured
Top Charts
Near Me
Search
Updates

See your Wish List.

View purchases and updates.

Browse

Find apps being used nearby.

Note: You need an Internet connection and an Apple ID to use the App Store. The App Store is not available in all areas.

When you first open App Store, you're prompted to download recommended free Apple apps, including iBooks, iTunes U, Podcasts, Find My Friends, and Find My iPhone.

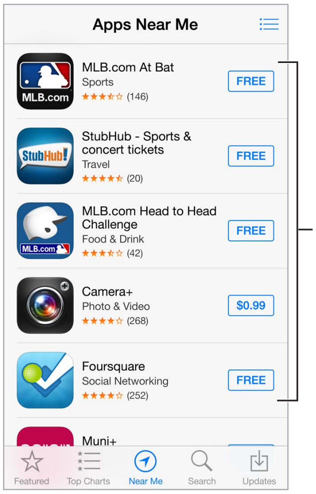
Find apps

If you know what you're looking for, tap Search. Or tap Categories to browse by type of app.

Want to tell a friend about an app? Find the app, tap ⍐, then choose the method. See AirDrop, iCloud, and other ways to share on page 28.

Use Wish List. To track an app you might want to purchase later, tap ⍐ on the app page, then tap Add to Wish List.

What apps are being used nearby? Tap Near Me to find out the most popular apps others around you are using. (Location Services must be on in Settings > Privacy > Location Services.) Try this at a museum, sporting event, or when you're traveling, to dig deeper into your experience.


Apps Near Me
MLB.com At Bat
Sports
(146)
FREE
StubHub - Sports & concert tickets
Travel
(20)
FREE
MLB.com Head to Head Challenge
Food & Drink
(42)
FREE
Camera+
Photo & Video
(268)
$0.99
Foursquare
Social Networking
(252)
FREE
Muni+
Featured
Top Charts
Near Me
Search
Updates

Tap to download or purchase.

Purchase, redeem, and download

Tap the app's price (or tap Free), then tap Buy to purchase it. If it's free, tap ☁.

If you see ☁ instead of a price, you've already purchased the app and you can download it again without charge. While the app is downloading or updating, its icon appears on the Home screen with a progress indicator.

Use a gift card or code. Tap Featured, scroll to the bottom, then tap Redeem.

Send a gift. View the item you want to give, then tap ⇪ and Gift.

Restrict in-app purchases. Many apps provide extra content or enhancements for a fee. To limit purchases that can be made from within an app, go to Settings > General > Restrictions (make sure Restrictions is enabled), then turn off In-App Purchases. See Restrictions on page 30.

Delete an app. Touch and hold the app icon on the Home screen until the icon jiggles, then tap ⊗. When you finish, press the Home button. You can't delete built-in apps. Deleting an app also deletes its data. You can download any app you've purchased on the App Store again, free of charge.

For information about erasing all of your apps, data, and settings, see Restart or reset iPod touch on page 127.

App Store settings

To set options for App Store, go to Settings > iTunes & App Store. You can:

View or edit your account. Tap your Apple ID, then tap View Apple ID. To change your password, tap the Apple ID field.

Sign in using a different Apple ID. Tap your account name, then tap Sign Out. Then enter the other Apple ID.

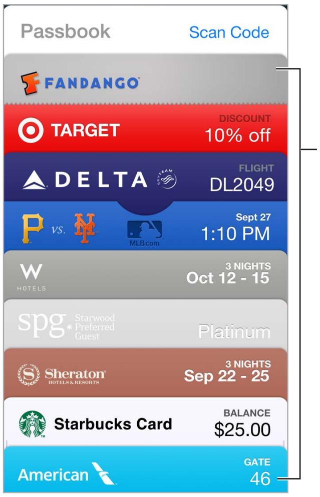
Turn off automatic downloads. Tap Apps in Automatic Downloads. Apps update automatically over Wi-Fi, unless you turn off the option.

Passbook

24

Passbook at a glance

Use Passbook to keep your boarding passes, movie tickets, coupons, loyalty cards, and more, all in one place. Scan a pass on iPod touch to check in for a flight, get in to a movie, or redeem a coupon. Passes can include useful information, such as the balance on your coffee card, a coupon's expiration date, or your seat number for a concert.


Passbook
Scan Code
FANDANGO
TARGET
DISCOUNT
10% off
DELTA
FLIGHT
DL2049
vs.
MLB.com
Sept 27
1:10 PM
W
HOTELS
3 NIGHTS
Oct 12 - 15
spg
Starwood Preferred Guest
Platinum
Sheraton
HOTELS & RESORTS
3 NIGHTS
Sep 22 - 25
Starbucks Card
BALANCE
$25.00
American
GATE
46

Tap a pass to view it.

Passbook on the go

Find apps that support Passbook. Tap "Apps for Passbook" on the Welcome pass, or see www.itunes.com/passbookapps. Add a pass from an app, an email or Messages message, or a website when you make a purchase or receive a coupon or gift. Usually, you tap or click the pass or the link to a pass to add it to Passbook. You can also scan codes from merchants' ads or receipts, which are downloaded to Passbook.

Use a pass. If an alert for a pass appears on the Lock screen, slide the alert to display the pass. Or open Passbook, select the pass, then present the barcode on the pass to the scanner.

Share a pass. You can share a pass using Mail, Messages, or AirDrop. See AirDrop, iCloud, and other ways to share on page 28.

Display a pass based on location. A pass can appear on the Lock screen when you wake iPod touch at the right time or place—for example, when you reach the airport for a flight you're taking. Location Services must be turned on in Settings > Privacy > Location Services.

Reorder a pass. Drag a pass in the list to move it to a new location. The pass order is updated on all your iOS 7 devices.

Refresh a pass. Passes are usually updated automatically. To refresh a pass manually, tap the pass, tap ⓘ, then pull the pass downward.

Done with a pass? Tap the pass, tap ⓘ, then tap Delete.

Passbook settings

Keep passes from appearing on the Lock screen. Go to Settings > General > Passcode Lock and tap Turn Passcode On. Then under Allow Access When Locked, turn off Passbook. For passes with notifications, to keep a specific pass from appearing on the Lock screen, tap the pass, tap ⓘ, then turn off Show On Lock Screen.

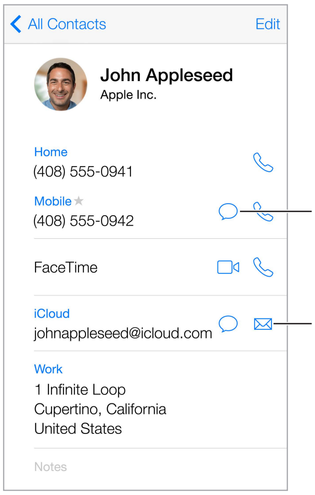
Set notification options. Go to Settings > Notification Center > Passbook.

Include passes on your other iOS devices. Go to Settings > iCloud and turn on Passbook.

Contacts

25

Contacts at a glance



John Appleseed
Apple Inc.

Home
(408) 555-0941

Mobile
(408) 555-0942

FaceTime

iCloud
johnappleseed@icloud.com

Work
1 Infinite Loop
Cupertino, California
United States

Notes

Open in Messages.

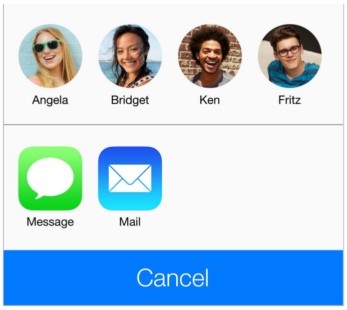
Open in Mail.

Set your My Info card for Safari, Siri, and other apps. Go to Settings > Mail, Contacts, Calendars, then tap My Info and select the contact card with your name and information.

Let Siri know who's who. On your contact card, use the related persons fields to define relationships you want Siri to know about, so you can say things like "send a message to my sister."

Find a contact. Tap the search field at the top of the contacts list and enter your search. You can also search your contacts using Spotlight Search (see Search on page 26).

Share a contact. Tap a contact, then tap Share Contact. See AirDrop, iCloud, and other ways to share on page 28.



Change a label. If a field has the wrong label, such as Home instead of Work, tap Edit. Then tap the label and choose one from the list, or tap Custom Field to create one of your own.

Delete a contact. Go to the contact's card, then tap Edit. Scroll down, then tap Delete Contact.

Add contacts

Besides entering contacts, you can:

- *Use your iCloud contacts:* Go to Settings > iCloud, then turn on Contacts.
- *Import your Facebook Friends:* Go to Settings > Facebook, then turn on Contacts in the "Allow These Apps to Use Your Accounts" list. This creates a Facebook group in Contacts.
- *Use your Google contacts:* Go to Settings > Mail, Contacts, Calendars, then tap your Google account and turn on Contacts.
- *Access a Microsoft Exchange Global Address List:* Go to Settings > Mail, Contacts, Calendars, then tap your Exchange account and turn on Contacts.
- *Set up an LDAP or CardDAV account to access business or school directories:* Go to Settings > Mail, Contacts, Calendars > Add Account > Other. Then tap "Add LDAP Account" or "Add CardDAV Account" and enter the account information.
- *Sync contacts from your computer, Yahoo!, or Google:* In iTunes on your computer, turn on contact syncing in the device info pane. For information, see iTunes Help.
- *Import contacts from a vCard:* Tap a .vcf attachment in an email or message.

Search a directory. Tap Groups, tap the GAL, CardDAV, or LDAP directory you want to search, then enter your search. To save the info to your contacts, tap Add Contact.

Show or hide a group. Tap Groups, then select the groups you want to see. This button appears only if you have more than one source of contacts.

When you have contacts from multiple sources, you might have multiple entries for the same person. To keep redundant contacts from appearing in your All Contacts list, contacts from different sources that have the same name are linked and displayed as a single *unified contact*. When you view a unified contact, the title Unified Info appears.

Unify contacts. If two entries for the same person aren't linked automatically, you can unify them manually. Edit one of the contacts, tap Edit, then tap Link Contact and choose the other contact entry to link to.

Linked contacts aren't merged. If you change or add information in a unified contact, the changes are copied to each source account where that information already exists.

If you link contacts with different first or last names, the names on the individual cards won't change, but only one name appears on the unified card. To choose which name appears when you view the unified card, tap Edit, tap the linked card with the name you prefer, then tap Use This Name For Unified Card.

Contacts settings

Go to Settings > Mail, Contacts, Calendars, where you can:

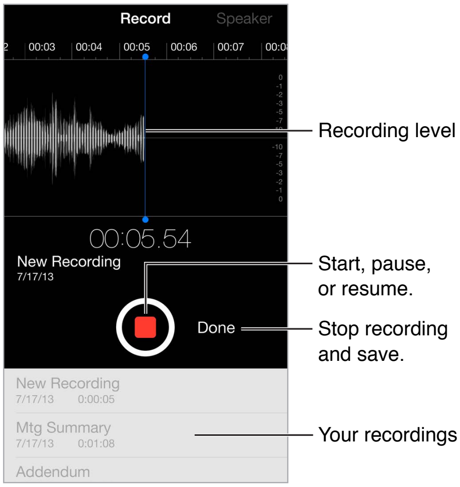
- Change how contacts are sorted
- Display contacts by first or last name
- Change how long names are shortened in lists
- Set a default account for new contacts
- Set your My Info card

Voice Memos

26

Voice Memos at a glance

Voice Memos lets you use iPod touch as a portable recording device. Use it with the built-in microphone, or a supported headset or external microphone.


Record
Speaker
00:03
00:04
00:05
00:06
00:07
00:05.54
New Recording
7/17/13
Done
New Recording
7/17/13 0:00:05
Mtg Summary
7/17/13 0:01:08
Addendum

Recording level

Start, pause, or resume.

Stop recording and save.

Your recordings

Record

Make a recording. Tap ● or press the center button on your headset. Tap ● again to pause or resume. To save the recording, tap Done.

Recordings using the built-in microphone are mono, but you can record stereo using an external stereo microphone that works with the iPod touch headphones port or the Lightning connector. Look for accessories marked with the Apple "Made for iPod" or "Works with iPod" logo.

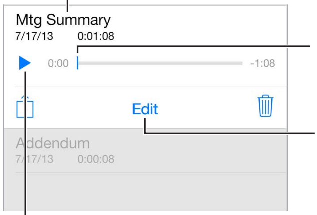
Adjust the recording level. Move the microphone closer to what you're recording. For better recording quality, the loudest level should be between –3 dB and 0 dB.

Mute the start and stop tones. Use the iPod touch volume buttons to turn the volume all the way down.

Multitask. To use another app while you're recording, press the Home button and open the other app. To return to Voice Memos, tap the red bar at the top of the screen.

Listen to a recording. Tap the recording in the list, then tap ▶. Tap ❙❙ to pause.

Listen



Tap a recording to play or edit it.

Drag to skip ahead or rewind.

Trim or rename the recording.

Listen to the recording.

Trim a recording. Tap the recording, tap Edit, then drag the red start and end markers. Tap ▶ to preview it. After making adjustments, tap Trim to save. The portions you trim can't be recovered.

Moving recordings to your computer

You can sync voice memos with the iTunes library on your computer, and listen to them on your computer or sync them with another iPod touch or iPhone.

When you delete a synced voice memo from iTunes, it stays on the device where it was recorded, but it's deleted from any other iPod touch or iPhone you synced. If you delete a synced voice memo on iPod touch, it's copied back to iPod touch the next time you sync with iTunes, but you can't sync that copy back to iTunes a second time.

Sync voice memos with iTunes. Connect iPod touch to your computer. Then in iTunes, select iPod touch. Select Music at the top of the screen, select Sync Music, select "Include voice memos," then click Apply.

Voice memos synced from iPod touch to your computer appear in the Music list and in the Voice Memos playlist in iTunes. Voice memos synced from your computer appear in the Voice Memos app on iPod touch (but not in the Music app).

Calculator

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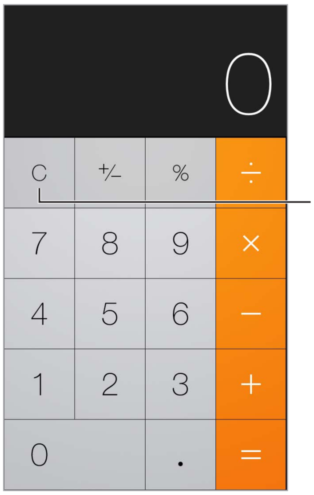
Tap numbers and functions in Calculator, just as you would with a standard calculator.

Get to Calculator quickly! Swipe up from the bottom edge of the screen to open Control Center.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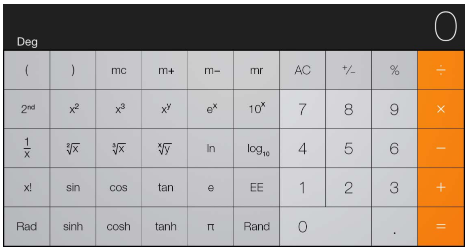
Clear the display.

To use the scientific calculator, rotate iPod touch to landscape orientation.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Nike + iPod

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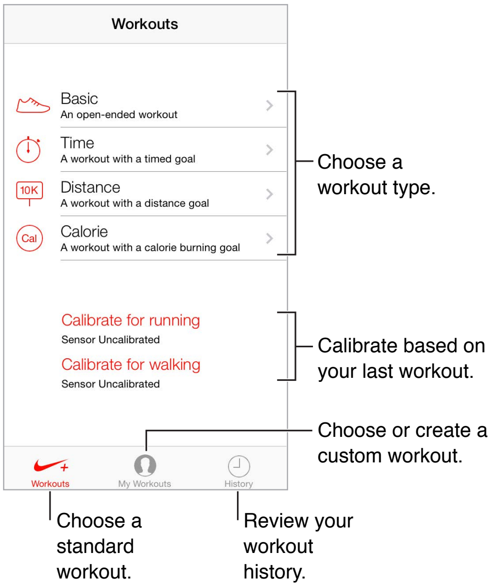
Nike + iPod at a glance

With a Nike + iPod Sensor (sold separately), the Nike + iPod app gives you audible feedback on pace, distance, elapsed time, and calories burned during a run or walk.

The Nike + iPod app doesn't appear on the Home screen until you turn it on.

Turn on Nike + iPod. Go to Settings > Nike + iPod.


Workouts
Basic
An open-ended workout
Time
A workout with a timed goal
10K
Distance
A workout with a distance goal
Cal
Calorie
A workout with a calorie burning goal
Calibrate for running
Sensor Uncalibrated
Calibrate for walking
Sensor Uncalibrated
Workouts
My Workouts
History

Choose a workout type.

Calibrate based on your last workout.

Choose or create a custom workout.

Choose a standard workout.

Review your workout history.

Link and calibrate your sensor

Calibrate for running
Sensor Uncalibrated
Calibrate for walking
Sensor Uncalibrated

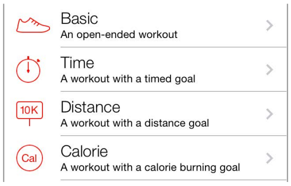
Nike + iPod collects workout data from a wireless sensor (sold separately) that you attach to your shoe. Before you use it the first time, you need to link your sensor to iPod touch.

Shoe, meet iPod touch. To link the sensor to iPod touch, attach the sensor to your shoe, then go to Settings > Nike + iPod > Sensor.

Be accurate. To calibrate Nike + iPod, record a workout over a known distance of at least a quarter mile (400 meters). Then, after you tap End Workout, tap Calibrate on the workout summary screen and enter the actual distance you covered.

Try again. To reset to the default calibration, go to Settings > Nike + iPod.

Work out



Basic
An open-ended workout

Time
A workout with a timed goal

Distance
A workout with a distance goal

Calorie
A workout with a calorie burning goal

Go! To start a workout, tap Workouts, and choose a workout.

Take a break. If you need to stop for a moment, take iPod touch and tap ❚❚ on the Lock screen. Tap ▶ when you're ready to continue.

Finish. To end the workout, wake iPod touch, tap ❚❚, then tap End Workout.

Post it. Send your workout data to nikeplus.com. Open Nike + iPod, tap History, then tap "Send to Nike+." (You need to be connected to the Internet.)

Progress! Review your progress on nikeplus.com. Open Safari, log in to your account on nikeplus.com, then follow the onscreen instructions.

Nike + iPod Settings

Go to Settings > Nike + iPod, where you can adjust settings for:

- Your power song
- The voice used for spoken feedback
- Units for distance
- Your weight
- Lock screen orientation

Accessibility

A Appendix

Accessibility features

iPod touch incorporates these accessibility features:

- VoiceOver
- Siri voice assistant
- Zoom magnification
- Invert Colors
- Speak Selection
- Speak Auto-text
- Large and bold text
- Reduced screen motion
- On/off switch labels
- Hearing aids and Hearing Aid Mode
- Subtitles and closed captions
- Mono Audio and balance
- Assignable tones
- Guided Access
- Switch Control
- AssistiveTouch
- Support for braille displays
- Wide screen keyboards

Turn on accessibility features. Go to Settings > General > Accessibility, or use the Accessibility Shortcut. See below Accessibility Shortcut below.

Control accessibility using iTunes. Connect iPod touch to your computer and select it in the iTunes device list. Click Summary, then click Configure Accessibility under Options.

For more information about iPod touch accessibility features, see www.apple.com/accessibility.

Accessibility Shortcut

Use the Accessibility Shortcut. Press the Home button quickly three times to turn any of these features on or off:

- VoiceOver
- Zoom
- Invert Colors
- Guided Access (The shortcut starts Guided Access if it's already turned on. See Guided Access on page 117.)

- Switch Control
- AssistiveTouch

Choose the features you want to control. Go to Settings > General > Accessibility > Accessibility Shortcut and select the accessibility features you use.

Not so fast. To slow down the triple-click speed, go to Settings > General > Accessibility > Home-click Speed.

VoiceOver

VoiceOver describes aloud what appears onscreen, so you can use iPod touch without seeing it.

VoiceOver tells you about each item on the screen as you select it. The VoiceOver cursor (a black rectangle) encloses the item and VoiceOver speaks its name or describes it.

Touch the screen or drag your finger over it to hear the items on the screen. When you select text, VoiceOver reads the text. If you turn on Speak Hints, VoiceOver may tell you the name of the item and provide instructions—for example, "double-tap to open." To interact with items, such as buttons and links, use the gestures described in Learn VoiceOver gestures on page 107.

When you go to a new screen, VoiceOver plays a sound, then selects and speaks the first item of the screen (typically, the item in the upper-left corner). VoiceOver also lets you know when the display changes to landscape or portrait orientation, and when the screen becomes locked or unlocked.

Note: VoiceOver speaks in the language specified in International settings, which may be influenced by the Region Format setting in Settings > General > International. VoiceOver is available in many languages, but not all.

VoiceOver Basics

Important: VoiceOver changes the gestures you use to control iPod touch. When VoiceOver is on, you must use VoiceOver gestures to operate iPod touch—even to turn VoiceOver off.

Turn VoiceOver on or off. Go to Settings > General > Accessibility > VoiceOver, or use the Accessibility Shortcut. See Accessibility Shortcut on page 103.

Explore. Drag your finger over the screen. VoiceOver speaks each item you touch. Lift your finger to leave an item selected.

- *Select an item:* Tap it, or lift your finger while dragging over it.
- *Select the next or previous item:* Swipe right or left with one finger. Item order is left-to-right, top-to-bottom.
- *Select the item above or below:* Set the rotor to Vertical Navigation, then swipe up or down with one finger. For more about the rotor, see Use the VoiceOver rotor on page 108.
- *Select the first or last item on the screen:* Tap near the top or the bottom of the screen with four fingers.
- *Select an item by name:* Triple-tap with two fingers anywhere on the screen to open the Item Chooser. Then type a name in the search field, or swipe right or left to move through the list alphabetically, or tap the table index to the right of the list and swipe up or down to move quickly through the list of items.
- *Change an item's name so it's easier to find:* Select the item, then tap and hold with two fingers anywhere on the screen.

- *Speak the text of the selected item:* Set the rotor to characters or words, then swipe down or up with one finger.
- *Turn spoken hints on or off:* Go to Settings > General > Accessibility > VoiceOver.
- *Use phonetic spelling:* Go to Settings > General > Accessibility > VoiceOver > Phonetic Feedback.
- *Speak the entire screen, from the top:* Swipe up with two fingers.
- *Speak from the current item to the bottom of the screen:* Swipe down with two fingers.
- *Stop speaking:* Tap once with two fingers. Tap again with two fingers to resume, or select another item.
- *Mute VoiceOver:* Double-tap with three fingers. Repeat to unmute. If you're using an external keyboard, press the Control key.
- *Silence sound effects:* Turn off Settings > General > Accessibility > VoiceOver > Use Sound Effects.

Use a larger VoiceOver cursor. Turn on Settings > General > Accessibility > VoiceOver > Large Cursor.

Adjust the speaking voice. You can adjust characteristics of the VoiceOver speaking voice to make it easier for you to understand:

- *Change the speaking volume:* Use the volume buttons on iPod touch, or add volume to the rotor, then swipe up and down to adjust; see Use the VoiceOver rotor on page 108.
- *Change the speaking rate:* Go to Settings > General > Accessibility > VoiceOver and drag the Speaking Rate slider. You can also add Speech Rate to the rotor, then swipe up or down to adjust.
- *Use pitch change:* VoiceOver uses a higher pitch when speaking the first item of a group (such as a list or table) and a lower pitch when speaking the last item of a group. Go to Settings > General > Accessibility > VoiceOver > Use Pitch Change.
- *Speak punctuation:* Set the rotor to Punctuation, then swipe up or down to to select how much you want to hear.
- *Change the language for iPod touch:* Go to Settings > General > International > Language. Pronunciation of some languages is affected by Settings > General > International > Region Format.
- *Set the default dialect for the chosen language:* Go to Settings > General > Accessibility > VoiceOver > Languages & Dialects.
- *Change pronunciation:* Set the rotor to Language, then swipe up or down. Language is available in the rotor only if you select more than one rotor language in Settings > General > Accessibility > VoiceOver > Languages & Dialects.
- *Choose which pronunciations are available in the rotor:* Go to Settings > General > Accessibility > VoiceOver > Languages & Dialects. To adjust the voice quality or speaking rate for each language, tap ⓘ next to the language. To change the order of the languages, tap Edit, then drag ≡ up or down. To delete a language, tap Edit, then tap the delete button to the left of the language name.
- *Set the default dialect for the current iPod touch language:* Go to Settings > General > Accessibility > VoiceOver > Languages & Dialects.
- *Change the basic reading voice:* Go to Settings > General > Accessibility > VoiceOver > Use Compact Voice.

Use iPod touch with VoiceOver

Unlock iPod touch. Press either the Home button or the Sleep/Wake button, swipe to select the Unlock slide, then double-tap the screen.

Enter your passcode silently. To avoid having your passcode spoken as you enter it, use handwriting; see Write with your finger on page 109.

Open an app, toggle a switch, or "tap" an item. Select the item, then double-tap the screen.

Double-tap the selected item. Triple-tap the screen.

Adjust a slider. Select the slider, then swipe up or down with one finger.

Use a standard gesture. Double-tap and hold your finger on the screen until you hear three rising tones, then make the gesture. When you lift your finger, VoiceOver gestures resume.

Scroll a list or area of the screen. Swipe up or down with three fingers.

- *Scroll continuously through a list:* Double-tap and hold until you hear three rising tones, then drag up or down.
- *Use the list index:* Some lists have an alphabetical index along the right side. The index can't be selected by swiping—you must touch the index to select it. With the index selected, swipe up or down to move through the index. You can also double-tap, then slide your finger up or down.
- *Reorder a list:* You can change the order of items in some lists, such as the Rotor items in Accessibility settings. Select ≡ to the right of an item, double-tap and hold until you hear three rising tones, then drag up or down.

Open Notification Center. Select any item in the status bar, then swipe down with three fingers. To dismiss Notification Center, do a two-finger scrub (move two fingers back and forth three times quickly, making a "z").

Open Control Center. Select any item in the status bar, then swipe up with three fingers. To dismiss Control Center, do a two-finger scrub.

Switch apps. Press the Home button twice to see what's running, then swipe left or right with one finger to select and tap to open. You can also set the rotor to Actions while viewing open apps and swipe up or down.

Rearrange your Home screen. Select an icon on the Home screen, double-tap and hold, then drag. Lift your finger when the icon is in its new location. Drag an icon to the edge of the screen to move it to another Home screen. You can continue to select and move items until you press the Home button.

Speak iPod touch status information. Tap the status bar at the top of the screen, then swipe left or right to hear information about the time, battery life, Wi-Fi signal strength, and more.

Speak notifications. Go to Settings > General > Accessibility > VoiceOver and turn on Speak Notifications. Notifications, including the text of incoming text messages, are spoken as they occur, even if iPod touch is locked. Unacknowledged notifications are repeated when you unlock iPod touch.

Turn the screen curtain on or off. Triple-tap with three fingers. When the screen curtain is on, the screen contents are active even though the display is turned off.

Learn VoiceOver gestures

When VoiceOver is on, standard touchscreen gestures have different effects, and additional gestures let you move around the screen and control individual items. VoiceOver gestures include two-, three-, and four-finger taps and swipes. For best results using multi-finger gestures, relax and let your fingers touch the screen with some space between them.

You can use different techniques to perform VoiceOver gestures. For example, you can enter a two-finger tap using two fingers of one hand, or one finger from each hand. You can even use your thumbs. Many use a split-tap gesture: instead of selecting an item and double-tapping, touch and hold an item with one finger, then tap the screen with another finger. Try different techniques to discover what works best for you.

Try different techniques to discover what works best for you. If a gesture doesn't work, try a quicker movement, especially for a double-tap or swipe gesture. To swipe, try brushing the screen quickly with your finger or fingers.

From VoiceOver settings, you can enter a special area where you can practice VoiceOver gestures without affecting iPod touch or its settings.

Practice VoiceOver gestures. Go to Settings > General > Accessibility > VoiceOver, then tap VoiceOver Practice. When you finish practicing, tap Done. If you don't see the VoiceOver Practice button, make sure VoiceOver is turned on.

Here's a summary of key VoiceOver gestures:

Navigate and read

- *Tap:* Select and speak the item.
- *Swipe right or left:* Select the next or previous item.
- *Swipe up or down:* Depends on the rotor setting. See Use the VoiceOver rotor on page 108.
- *Two-finger tap:* Stop speaking the current item.
- *Two-finger swipe up:* Read all from the top of the screen.
- *Two-finger swipe down:* Read all from the current position.
- *Two-finger scrub:* Move two fingers back and forth three times quickly (making a "z") to dismiss an alert or go back to the previous screen.
- *Three-finger swipe up or down:* Scroll one page at a time.
- *Three-finger swipe right or left:* Go to the next or previous page (such as the Home screen or Stocks).
- *Three-finger tap:* Speak additional information, such as position within a list or whether text is selected.
- *Four-finger tap at top of screen:* Select the first item on the page.
- *Four-finger tap at bottom of screen:* Select the last item on the page.

Activate

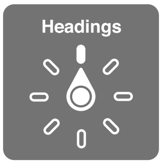
- *Double-tap:* Activate the selected item.
- *Triple-tap:* Double-tap an item.
- *Split-tap:* As an alternative to selecting an item and double-tapping to activate it, touch and hold an item with one finger, and then tap the screen with another.
- *Double-tap and hold (1 second) + standard gesture:* Use a standard gesture. The double-tap and hold gesture tells iPod touch to interpret the next gesture as standard. For example, you can double-tap and hold, and then without lifting your finger, drag your finger to slide a switch.

- *Two-finger double-tap:* Play or pause in Music, Videos, Voice Memos, or Photos. Take a photo in Camera. Start or pause recording in Camera or Voice Memos. Start or stop the stopwatch.
- *Two-finger double-tap and hold:* Relabel the selected item.
- *Two-finger triple-tap:* Open the Item Chooser.
- *Three-finger double-tap:* Mute or unmute VoiceOver.
- *Three-finger triple-tap:* Turn the screen curtain on or off.

Use the VoiceOver rotor

Use the rotor to choose what happens when you swipe up or down with VoiceOver turned on.

Operate the rotor. Rotate two fingers on the iPod touch around a point between them.



Choose your rotor options. Go to Settings > General > Accessibility > VoiceOver > Rotor and select the options you want to be available in the rotor.

Available rotor settings and their effects depend on what you're doing. For example, if you're reading an email, you can use the rotor to switch between hearing text spoken word-by-word or character-by-character when you swipe up or down. If you're browsing a webpage, you can set the rotor to speak all text (word-by-word or character-by-character), or to jump to the next item of a certain type, such as a header or link.

When you use an Apple Wireless Keyboard to control VoiceOver, the rotor lets you adjust settings such as volume, speech rate, use of pitch or phonetics, typing echo, and reading of punctuation. See Use VoiceOver with an Apple Wireless Keyboard on page 111.

Use the onscreen keyboard

When you activate an editable text field, the onscreen keyboard appears (unless you have an Apple Wireless Keyboard attached).

Activate a text field. Select the text field, then double-tap. The insertion point and the onscreen keyboard appear.

Enter text. Type characters using the onscreen keyboard:

- *Standard typing:* Select a key on the keyboard by swiping left or right, then double-tap to enter the character. Or move your finger around the keyboard to select a key and, while continuing to touch the key with one finger, tap the screen with another finger. VoiceOver speaks the key when it's selected, and again when the character is entered.
- *Touch typing:* Touch a key on the keyboard to select it, then lift your finger to enter the character. If you touch the wrong key, slide your finger to the key you want. VoiceOver speaks the character for each key as you touch it, but doesn't enter a character until you lift your finger.
- *Choose standard or touch typing:* With VoiceOver turned on and a key selected on the keyboard, use the rotor to select Typing Mode, then swipe up or down.

Move the insertion point. Swipe up or down to move the insertion point forward or backward in the text. Use the rotor to choose whether you want to move the insertion point by character, by word, or by line.

VoiceOver makes a sound when the insertion point moves, and speaks the character, word, or line that the insertion point moves across. When moving forward by words, the insertion point is placed at the end of each word, before the space or punctuation that follows. When moving backward, the insertion point is placed at the end of the preceding word, before the space or punctuation that follows it.

Move the insertion point past the punctuation at the end of a word or sentence. Use the rotor to switch back to character mode.

When moving the insertion point by line, VoiceOver speaks each line as you move across it. When moving forward, the insertion point is placed at the beginning of the next line (except when you reach the last line of a paragraph, when the insertion point is moved to the end of the line just spoken). When moving backward, the insertion point is placed at the beginning of the line that's spoken.

Change typing feedback. Go to Settings > General > Accessibility > VoiceOver > Typing Feedback.

Use phonetics in typing feedback. Go to Settings > General > Accessibility > VoiceOver > Phonetic Feedback. Text is read character by character. VoiceOver first speaks the character, then its phonetic equivalent—for example, "f" and then "foxtrot."

Delete a character. Select ⌫, then double-tap or split-tap. You must do this even when touch typing. To delete multiple characters, touch and hold the Delete key, then tap the screen with another finger once for each character you want to delete. VoiceOver speaks the character as it's deleted. If Use Pitch Change is on, VoiceOver speaks deleted characters in a lower pitch.

Select text. Set the rotor to Edit, swipe up or down to choose Select or Select All, then double tap. If you chose Select, the word closest to the insertion point is selected when you double-tap. If you chose Select All, all text is selected. Pinch to increase or decrease the selection.

Cut, copy, or paste. Make sure the rotor is set to Edit. Select the text, swipe up or down to choose Cut, Copy, or Paste, then double-tap.

Undo. Shake iPod touch, swipe left or right to choose the action to undo, then double-tap.

Enter an accented character. In standard typing mode, select the plain character, then double-tap and hold until you hear a sound indicating alternate characters have appeared. Drag left or right to select and hear the choices. Release your finger to enter the current selection.

Change the keyboard language. Set the rotor to Language, then swipe up or down. Choose "default language" to use the language specified in International settings. The Language rotor item appears only if you select more than one language in Settings > General > Accessibility > VoiceOver > Languages & Dialects.

Write with your finger

Enter handwriting mode. Use the rotor to select Handwriting. If Handwriting isn't in the rotor, go to Settings > General > Accessibility > VoiceOver > Rotor and add it.

Choose a character type. Swipe up or down with three fingers to choose lowercase, numbers, uppercase, or punctuation.

Hear the currently selected character type. Tap with three fingers.

Enter a character. Trace the character on the screen with your finger.

Enter a space. Swipe right with two fingers.

Go to a new line. Swipe right with three fingers.

Delete the character before the insertion point. Swipe left with two fingers.

Select an item on the Home screen. Start writing the name of the item. If there are multiple matches, continue to spell the name until it is unique, or swipe up or down with two fingers to select a match candidate.

Enter your passcode silently. Set the rotor to Handwriting on the passcode screen, then write the characters of your passcode.

Skip to a letter in a table index. Select the index to the right of the table, then write the letter.

Set the rotor to a web browsing element type. While viewing a webpage, write the first letter of a page element type. For example, write "l" to have up or down swipes skip to links, or "h" to skip to headings.

Exit handwriting mode. Turn the rotor to a different selection.

Read math equations

VoiceOver can read aloud math equations that are encoded using:

- MathML on the web
- MathML or LaTeX in iBooks Author

Hear an equation. Have VoiceOver read the text as usual. VoiceOver says "math" before it starts reading an equation.

Explore the equation. Double tap the selected equation to display it full screen and move through it one element at a time. Swipe left or right to read elements of the equation. Use the rotor to select Symbols, Small Expressions, Medium Expressions, or Large Expressions, then swipe up or down to hear the next element of that size. You can continue to double-tap the selected element to "drill down" into the equation to focus on the selected element, then swipe left or right, up or down to read one part at a time.

Equations read by VoiceOver can also be output to a braille device using Nemeth code, as well as the codes used by Unified English Braille, British English, French, and Greek. See Use a braille display with VoiceOver on page 113.

Use VoiceOver with Safari

Search the web. Select the search field, enter your search, then swipe right or left to move down or up the list of suggested search phrases. Then double-tap the screen to search the web using the selected phrase.

Skip to the next page element of a particular type. Set the rotor to the element type, then swipe up or down.

Set the rotor options for web browsing. Go to Settings > General > Accessibility > VoiceOver > Rotor. Tap to select or deselect options, or drag ≡ up or down to reposition an item.

Skip images while navigating. Go to Settings > General > Accessibility > VoiceOver > Navigate Images. You can choose to skip all images or only those without descriptions.

Reduce page clutter for easier reading and navigation. Select the Reader item in the Safari address field (not available for all pages).

If you pair an Apple Wireless Keyboard with iPod touch, you can use single-key Quick Nav commands to navigate webpages. See Use VoiceOver with an Apple Wireless Keyboard on page 111.

Use VoiceOver with Maps

With VoiceOver, you can zoom in or out, select a pin, or get information about a location.

Explore the map. Drag your finger around the screen, or swipe left or right to move to another item.

Zoom in or out. Select the map, set the rotor to Zoom, then swipe up or down with one finger.

Pan the map. Swipe with three fingers.

Browse visible points of interest. Set the rotor to Points of Interest, then swipe up or down with one finger.

Follow a road. Hold your finger down on the road, wait until you hear "pause to follow," then move your finger along the road while listening to the guide tone. The pitch increases when you stray from the road.

Select a pin. Touch a pin, or swipe left or right to select the pin.

Get information about a location. With a pin selected, double-tap to display the information flag. Swipe left or right to select the More Info button, then double-tap to display the information page.

Edit videos and voice memos with VoiceOver

You can use VoiceOver gestures to trim Camera videos and Voice Memo recordings.

Trim a video. While viewing a video in Photos, double-tap the screen to display the video controls. Select the trim beginning or trim end tool, then swipe up or down to adjust. VoiceOver announces the amount of time the current position will trim from the recording. To complete the trim, select Trim and double-tap.

Trim a voice memo. Select the memo in Voice Memos, tap Edit, then tap Start Trimming. Select the beginning or end of the selection, double-tap and hold, then drag to adjust. VoiceOver announces the amount of time the current position will trim from the recording. Tap Play to preview the trimmed recording. When you've got it the way you want it, tap Trim.

Use VoiceOver with an Apple Wireless Keyboard

You can control VoiceOver using an Apple Wireless Keyboard paired with iPod touch. See Use an Apple Wireless Keyboard on page 23.

Use VoiceOver keyboard commands to navigate the screen, select items, read screen contents, adjust the rotor, and perform other VoiceOver actions. Most commands use the Control-Option key combination, abbreviated in the table that follow as "VO."

You can use VoiceOver Help to learn the keyboard layout and the actions associated with various key combinations. VoiceOver Help speaks keys and keyboard commands as you type them, without performing the associated action.

VoiceOver keyboard commands

VO = Control-Option

- *Turn on VoiceOver help:* VO–K
- *Turn off VoiceOver help:* Escape
- *Select the next or previous item:* VO–Right Arrow or VO–Left Arrow
- *Double-tap to activate the selected item:* VO–Space bar
- *Press the Home button:* VO–H
- *Move to the status bar:* VO–M

- *Read from the current position:* VO–A
- *Read from the top:* VO–B
- *Pause or resume reading:* Control
- *Mute or unmute VoiceOver:* VO–S
- *Open Notification Center:* Fn–VO–Up Arrow
- *Open Control Center:* Fn–VO–Down Arrow
- *Open the Item Chooser:* VO–I
- *Double-tap with two fingers:* VO–"-"
- *Adjust the rotor:* Use Quick Nav (see below)
- *Swipe up or down:* VO–Up Arrow or VO–Down Arrow
- *Adjust the speech rotor:* VO–Command–Left Arrow or VO–Command–Right Arrow
- *Adjust the setting specified by the speech rotor:* VO–Command–Up Arrow or VO–Command–Down Arrow
- *Turn the screen curtain on or off:* VO–Shift–S
- *Return to the previous screen:* Escape

Quick Nav

Turn on Quick Nav to control VoiceOver using the arrow keys.

- *Turn Quick Nav on or off:* Left Arrow–Right Arrow
- *Select the next or previous item:* Right Arrow or Left Arrow
- *Select the next or previous item specified by the rotor:* Up Arrow or Down Arrow
- *Select the first or last item:* Control–Up Arrow or Control–Down Arrow
- *Double-tap to activate the selected item:* Up Arrow–Down Arrow
- *Scroll up, down, left, or right:* Option–Up Arrow, Option–Down Arrow, Option–Left Arrow, or Option–Right Arrow
- *Adjust the rotor:* Up Arrow–Left Arrow or Up Arrow–Right Arrow

You can also use the number keys on an Apple Wireless Keyboard to enter numbers in Calculator.

Single-key Quick Nav for the web

When you view a webpage with Quick Nav on, you can use the following keys on the keyboard to navigate the page. To move to the next item of the indicated type, press the corresponding key. To move to the previous item, hold the Shift key as you type the letter.

- *Heading:* H
- *Link:* L
- *Text field:* R
- *Button:* B
- *Form control:* C
- *Image:* I
- *Table:* T
- *Static text:* S
- *ARIA landmark:* W
- *List:* X
- *Item of the same type:* M

- *Level 1 heading:* 1
- *Level 2 heading:* 2
- *Level 3 heading:* 3
- *Level 4 heading:* 4
- *Level 5 heading:* 5
- *Level 6 heading:* 6

Text editing

Use these commands (with Quick Nav turned off) to work with text. VoiceOver reads the text as you move the insertion point.

- *Go forward or back one character:* Right Arrow or Left Arrow
- *Go forward or back one word:* Option–Right Arrow or Option–Left Arrow
- *Go up or down one line:* Up Arrow or Down Arrow
- *Go to the beginning or end of the line:* Command–Left Arrow or Command–Down Arrow
- *Go to the beginning or end of the paragraph:* Option–Up Arrow or Option–Down Arrow
- *Go to the previous or next paragraph:* Option–Up Arrow or Option–Down Arrow
- *Go to the top or bottom of the text field:* Command–Up Arrow or Command–Down Arrow
- *Select text as you move:* Shift + any of the insertion point movement commands above
- *Select all text:* Command–A
- *Copy, cut, or paste the selected text:* Command–C, Command–X, or Command–V
- *Undo or redo last change:* Command–Z or Shift–Command–Z

Use a braille display with VoiceOver

You can use a Bluetooth braille display to read VoiceOver output, and you can use a braille display with input keys and other controls to control iPod touch when VoiceOver is turned on. For a list of supported braille displays, see www.apple.com/accessibility/iphone/braille-display.html.

Connect a braille display. Turn on the display, then go to Settings > General > Bluetooth and turn on Bluetooth. Then go to Settings > General > Accessibility > VoiceOver > Braille and choose the display.

Adjust Braille settings. Go to Settings > General > Accessibility > VoiceOver > Braille, where you can:

- Turn on contracted braille
- Turn off automatic braille translation
- Turn off eight-dot braille
- Turn on the status cell and choose its location
- Turn on Nemeth code for equations
- Display the onscreen keyboard
- Change the braille translation from Unified English

For information about common braille commands for VoiceOver navigation and information specific to certain displays, see support.apple.com/kb/HT4400.

The braille display uses the language that's set for Voice Control.This is normally the language set for iPod touch in Settings > International > Language. You can use the VoiceOver language setting to set a different language for VoiceOver and braille displays.

Set the language for VoiceOver. Go to Settings > General > International > Voice Control.

If you change the language for iPod touch, you may need to reset the language for VoiceOver and your braille display.

You can set the leftmost or rightmost cell of your braille display to provide system status and other information. For example:

- Announcement History contains an unread message
- The current Announcement History message hasn't been read
- VoiceOver speech is muted
- The iPod touch battery is low (less than 20% charge)
- iPod touch is in landscape orientation
- The screen display is turned off
- The current line contains additional text to the left
- The current line contains additional text to the right

Set the leftmost or rightmost cell to display status information. Go to Settings > General > Accessibility > VoiceOver > Braille > Status Cell and tap Left or Right.

See an expanded description of the status cell. On your braille display, press the status cell's router button.

Siri

With Siri, you can do things like opening apps just by asking, and VoiceOver can read Siri responses to you. See Chapter 4, Siri, on page 35.

Zoom

Many apps let you zoom in or out on specific items. For example, you can double-tap or pinch to expand webpage columns in Safari. There's also a Zoom accessibility feature that lets you magnify the entire screen of any app you're using. You can use Zoom together with VoiceOver.

Turn Zoom on or off. Go to Settings > General > Accessibility > Zoom. Or use the Accessibility Shortcut. See Accessibility Shortcut on page 103.

Zoom in or out. Double-tap the screen with three fingers.

Vary the magnification. With three fingers, tap and drag up or down. The tap-and-drag gesture is similar to a double-tap, except you don't lift your fingers on the second tap—instead, drag your fingers on the screen. Once you start dragging, you can drag with a single finger. iPod touch returns to the adjusted magnification when you zoom out and in again using the three-finger double-tap.

Pan around the screen. While zoomed in, drag the screen with three fingers. Once you start dragging, you can continue with just one finger. Or hold a single finger near the edge of the display to pan to that side. Move your finger closer to the edge to pan more quickly. When you open a new screen, Zoom goes to the upper-middle of the screen.

While using Zoom with an Apple Wireless Keyboard (see Use an Apple Wireless Keyboard on page 23), the screen image follows the insertion point, keeping it in the center of the display.

Invert Colors

Sometimes, inverting the colors on the iPod touch screen may make it easier to read. When Invert Colors is turned on, the screen looks like a photographic negative.

Invert the screen's colors. Go to Settings > General > Accessibility > Invert Colors.

Speak Selection

Even with VoiceOver turned off, you can have your iPod touch read aloud any text you can select.

Turn on Speak Selection. Go to Settings > General > Accessibility > Speak Selection. There you can also:

- Choose a language, dialect, and voice quality
- Adjust the speaking rate
- Choose to have individual words highlighted as they're read

Have text read to you. Select the text, then tap Speak.

Speak Auto-text

Speak Auto-text speaks the text corrections and suggestions iPod touch makes when you type.

Turn Speak Auto-text on or off. Go to Settings > General > Accessibility > Speak Auto-text.

Speak Auto-text also works with VoiceOver and Zoom.

Large and bold text

Display larger text in alerts, and in apps such as Calendar, Contacts, Mail, Messages, and Notes. Go to Settings > General > Accessibility > Larger Type, where you can turn on Larger Dynamic Type and adjust the font size.

Display bolder text for all items on iPod touch. Go to Settings > General > Accessibility and turn on Bold Text.

Increase text contrast on difficult backgrounds when possible. Go to Settings > General > Accessibility and turn on Increase Contrast.

Reduce screen motion

You can stop the movement of some screen elements, such as the parallax of the wallpaper behind home screen icons.

Reduce interface motion. Go to Settings > General > Accessibility and turn on Reduce Motion.

Display on/off switch labels

To make it easier to see whether a setting is on or off, you can have iPod touch show an additional label on on/off switches.

Add switch setting labels. Go to Settings > General > Accessibility and turn on On/Off Labels.

Hearing aids

If you have a Made for iPhone hearing aid, you can use iPod touch to adjust its settings to suit your listening needs.

Adjust hearing aid settings and view status. Go to Settings > General > Accessibility > Hearing Aids, or set the Accessibility Shortcut to open Hearing Aid Control. See Accessibility Shortcut on page 103.

For shortcut access from the lock screen, turn on Settings > Accessibility > Hearing Aids > Control on Lock Screen. Use the settings to:

- Check hearing aid battery status.
- Adjust ambient microphone volume and equalization.
- Choose which hearing aids (left, right, or both) should receive streaming audio.
- Control Live Listen.

Use iPod touch as a remote microphone. You can use Live Listen to stream sound from the microphone in iPod touch to your hearing aids. This can help you hear better in some situations by positioning the iPod touch nearer the sound source. Triple-click the Home button, choose Hearing Aids, then tap Start Live Listen.

Stream audio to your hearing aids. Stream audio from iPod touch, Siri, Music, Videos and more by choosing your hearing aids from the AirPlay menu ⏏.

Subtitles and closed captions

The Videos app includes an Alternate Track button 💬, which you can tap to choose subtitles and captions offered by the video you're watching. Standard subtitles and captions are usually listed, but if you prefer special accessible captions, such as subtitles for the deaf and hard of hearing (SDH), you can set iPod touch to list them instead when they're available.

Prefer accessible subtitles and closed captions for the hard of hearing in the list of available subtitles and captions. Turn on Settings > General > Accessibility > Subtitles & Captioning > Closed Captions + SDH. This also turns on subtitles and captions in the Videos app.

Choose from available subtitles and captions. Tap 💬 while watching a video in Videos.

Customize your subtitles and captions. Go to Settings > General > Accessibility > Subtitles & Captioning > Style, where you can choose an existing caption style or create a new style based on your choice of:

- Font, size, and color
- Background color and opacity
- Text opacity, edge style, and highlight

Not all videos include closed captions.

Mono Audio

Mono Audio combines the left and right stereo channels into a mono signal played through both channels. You can adjust the balance of the mono signal for greater volume on the right or left.

Turn Mono Audio on or off and adjust the balance. Go to Settings > General > Accessibility > Mono Audio.

Assignable tones

You can assign distinctive ringtones to people in your contacts list for audible FaceTime caller ID. You can also assign distinct tones to alert you of a variety of other events, including new mail, sent mail, Tweet, Facebook Post, and reminders. See Sounds and silence on page 28.

You can purchase ringtones from the iTunes Store on iPod touch. See Chapter 22, iTunes Store, on page 90.

Guided Access

Guided Access helps an iPod touch user stay focused on a task. Guided Access dedicates iPod touch to a single app, and lets you control app features. Use Guided Access to:

- Temporarily restrict iPod touch to a particular app
- Disable areas of the screen that aren't relevant to a task, or areas where an accidental gesture might cause a distraction
- Disable the iPod touch hardware buttons

Turn on Guided Access. Go to Settings > General > Accessibility > Guided Access, where you can:

- Turn Guided Access on or off
- Set a passcode that controls the use of Guided Access and prevents someone from leaving a session
- Set whether other accessibility shortcuts are available during a session

Start a Guided Access session. Open the app you want to run, then triple-click the Home button. Adjust settings for the session, then click Start.

- *Disable app controls and areas of the app screen:* Circle any part of the screen you want to disable. Use the handles to adjust the area.
- *Enable the Sleep/Wake or Volume buttons:* Tap Options and turn on the buttons.
- *Ignore all screen touches:* Turn off Touch.
- *Keep iPod touch from switching from portrait to landscape or from responding to any other motions:* Turn off Motion.

End a Guided Access session. Triple-click the Home button, enter the Guided Access passcode, and tap End.

Switch Control

Switch Control lets you control iPod touch using a single switch or multiple switches. Use any of several methods to perform actions such as selecting, tapping, dragging, typing, and even free-hand drawing. The basic technique is to use a switch to select an item or location on the screen, and then use the same (or different) switch to choose an action to perform on that item or location. Three basic methods are:

- *Item scanning (default),* which highlights different items on the screen until you select one.
- *Point scanning,* which lets you use scanning crosshairs to pick a screen location.
- *Manual selection,* which lets you move from item to item on demand (requires multiple switches).

Whichever method you use, when you select an individual item (rather than a group), a menu appears so you can choose how to act on the selected item (tap, drag, or pinch, for example).

If you use multiple switches, you can set up each switch to perform a specific action and customize your item selection method. For example, instead of automatically scanning screen items, you can set up switches to move to the next or previous item on demand.

You can adjust the behavior of Switch Control in a variety of ways, to suit your specific needs and style.

Add a switch and turn on Switch Control

You can use any of these as a switch:

- *An external adaptive switch.* Choose from a variety of popular USB or Bluetooth switches.
- *The iPod touch screen.* Tap on the screen to trigger the switch.
- *The iPod touch FaceTime camera.* Move your head to trigger the switch. You can use the camera as two switches; one when you move your head to the left, and the other when you move your head to the right.

Add a switch and choose its action. Go to Settings > General > Accessibility > Switch Control > Switches.

Turn on Switch Control. Go to Settings > General > Accessibility > Switch Control.

Turn off Switch Control. Use any scanning method to select Settings > General > Accessibility > Switch Control.

Bail out! Triple-click the Home button at any time to exit from Switch Control.

Basic techniques

These techniques work whether you're scanning by item or by point.

Select an item. While the item is highlighted, trigger the switch you've set up as your Select Item switch. If you are using a single switch, it is your Select Item switch by default.

Display available actions. Select an item using the Select Item switch. Available actions appear in the control menu that appears.

Tap an item. Use your scanning method to choose Tap from the control menu that appears when you select the item. Or turn on Settings > General > Accessibility > Switch Control > Auto Tap, then just select an item and do nothing for the Auto Tap interval (0.75 seconds if you haven't adjusted it). Or set up a switch specifically to perform the tap gesture at Settings > General > Accessibility > Switch Control > Switches.

Perform other gestures or actions. Select the gesture or action from the control menu that appears when you select the item. If you have Auto Tap turned on, trigger your switch within the Auto Tap interval, then select the gesture. If there is more than one page of actions available, tap the dots at the bottom of the menu to go to another page.

Dismiss the control menu. Tap while all the icons in the menu are dimmed.

Scroll the screen to see more items. Select any item on the screen, then choose Scroll from the menu.

Perform a hardware action. Select any item, then select Device from the control menu that appears. You can use the menu to mimic these actions:

- Click the Home button
- Double-click the Home button for multitasking
- Open Notification Center or Control Center
- Press the Sleep/Wake button to lock iPod touch

- Rotate iPod touch
- Flip the Mute switch
- Press the volume buttons
- Hold down the Home button to open Siri
- Triple-click the Home button
- Shake iPod touch
- Press Home and Sleep/Wake buttons simultaneously to take a screenshot

Item scanning

Item scanning alternately highlights each item or group of items on the screen until you trigger your Select Item switch to select the highlighted item. When you select a group, highlighting continues with the items in the group. Scanning stops and a menu of actions appears when you select a unique item. Item scanning is the default when you first turn on Switch Control. By default, Switch Control moves from item to item at a regular interval, but you can set up switches to move to the next or previous item on demand.

Select an item or enter a group. Watch (or listen) as items are highlighted. When the item you want to control (or the group containing the item) is highlighted, trigger your Select Item switch. Work your way down in the hierarchy of items until you select the individual item you want to control.

Back out of a group. Act on your switch when the dashed highlight around the group or item appears.

Tap the selected item. Choose Tap from the control menu that appears when you select the item. Or, if you have Auto Tap enabled, just do nothing for three-quarters of a second.

Perform another action. Select any item, then select the action from the menu that appears. If you have Auto Tap turned on, act on your switch within three quarters of a second of selecting an item in order to display a menu of available gestures.

Point scanning

Point scanning lets you select an item on the screen by pinpointing it with scanning crosshairs.

Turn on point scanning. Use item scanning to select Settings from the menu, then select Item Mode to toggle it to Point Mode. The vertical crosshair appears when you close the menu.

Return to item scanning. Select Settings from the control menu, then select Point Mode to toggle it to Item Mode.

Settings and adjustments

Adjust basic settings. Go to Settings > General > Accessibility > Switch Control, where you can:

- Add switches
- Turn off auto scanning (if you've added a "Step to Next Item" switch)
- Adjust the scanning interval
- Set scanning to pause on the first item in a group
- Choose how many times to cycle through the screen before hiding Switch Control
- Turn Auto Tap on or off and set the interval for performing a second switch action to show the control menu
- Set whether a movement action is repeated when you hold down a switch, and how long to wait before repeating

- Set whether and how long you need to hold a switch down before it is accepted as a switch action
- Have Switch Control ignore accidental repeated switch triggers
- Adjust point scanning speed
- Turn on sound effects or speech
- Select the items you want to see in the menu
- Make the selection cursor more visible larger or a different color
- Set whether items should be grouped while item scanning
- Save custom gestures that you can choose from the Action portion of the control menu.

Fine-tune Switch Control. Choose Settings from the control menu to:

- Adjust scanning speed
- Change the location of the control menu
- Switch between item scan mode and point scan mode
- Choose whether point scan mode displays crosshairs or a grid
- Reverse the scanning direction
- Turn on or off sound or speech accompaniment
- Turn off groups to scan items one at a time

AssistiveTouch

AssistiveTouch helps you use iPod touch if you have difficulty touching the screen or pressing the buttons. You can use an adaptive accessory (such as a joystick) with AssistiveTouch to control iPod touch. You can also use AssistiveTouch without an accessory, to perform gestures that are difficult for you.

Turn on AssistiveTouch. Go to Settings > General > Accessibility > AssistiveTouch. To use the Home button to turn AssistiveTouch on or off, go to Settings > General > Accessibility > Accessibility Shortcut.

Adjust the tracking speed (with an accessory attached). Go to Settings > General > Accessibility > AssistiveTouch > Touch speed.

Show or hide the AssistiveTouch menu (with an accessory attached). Click the secondary button on your accessory.

Move the menu button. Drag it to any location on the screen.

Hide the menu button (with an accessory attached). Go to Settings > General > Accessibility > AssistiveTouch > Always Show Menu.

Perform a swipe or drag that uses 2, 3, 4, or 5 fingers. Tap the menu button, tap Device > More > Gestures, and then tap the number of digits needed for the gesture. When the corresponding circles appear on the screen, swipe or drag in the direction required by the gesture. When you finish, tap the menu button.

Perform a pinch gesture. Tap the menu button, tap Favorites, and then tap Pinch. When the pinch circles appear, touch anywhere on the screen to move the pinch circles, then drag the pinch circles in or out to perform a pinch gesture. When you finish, tap the menu button.

Create your own gesture. Tap the menu button, tap Favorites, and then tap an empty gesture placeholder. Or go to Settings > General > Accessibility > AssistiveTouch > Create New Gesture.

Lock or rotate the screen, adjust iPod touch volume, or simulate shaking iPod touch. Tap the menu button, then tap Device.

Simulate pressing the Home button. Tap the menu button, then tap Home.

Exit a menu without performing a gesture. Tap anywhere outside the menu.

Widescreen keyboards

Many apps, including Mail, Safari, Messages, Notes, and Contacts, let you rotate iPod touch when you're typing, so you can use a larger keyboard.

Voice Control

Voice Control lets you control iPod touch music playback using voice commands. See Voice Control on page 25.

Accessibility in OS X

Take advantage of the accessibility features in OS X when you use iTunes to sync with iPod touch. In the Finder, choose Help > Help Center, then search for "accessibility."

For more information about iPod touch and OS X accessibility features, see www.apple.com/accessibility.

International Keyboards

B

Appendix

Use international keyboards

International keyboards let you type text in many different languages, including Asian languages and languages written from right to left. For a list of supported keyboards, go to www.apple.com/ipodtouch/specs.html.

Manage keyboards. Go to Settings > General > International > Keyboards.

- *Add a keyboard:* Tap Add New Keyboard, then choose a keyboard from the list. Repeat to add more keyboards.
- *Remove a keyboard:* Tap Edit, tap ⊖ next to the keyboard you want to remove, then tap Delete.
- *Edit your keyboard list:* Tap Edit, then drag ≡ next to a keyboard to a new place in the list.

To enter text in a different language, switch keyboards.

Switch keyboards while typing. Touch and hold the Globe key 🌐 to show all your enabled keyboards. To choose a keyboard, slide your finger to the name of the keyboard, then release. The Globe key 🌐 appears only if you enable more than one keyboard.

You can also just tap 🌐. When you tap 🌐, the name of the newly activated keyboard appears briefly. Continue tapping to access other enabled keyboards.

Many keyboards provide letters, numbers, and symbols that aren't visible on the keyboard.

Enter accented letters or other characters. Touch and hold the related letter, number, or symbol, then slide to choose a variant. For example:

- *On a Thai keyboard:* Choose native numbers by touching and holding the related Arabic number.
- *On a Chinese, Japanese, or Arabic keyboard:* Suggested characters or candidates appear at the top of the keyboard. Tap a candidate to enter it, or swipe left to see more candidates.

Use the extended candidate list. Tap the up arrow on the right to view the full candidate list.

- *Scroll the list:* Swipe up or down.
- *Return to the short list:* Tap the down arrow.

When using certain Chinese or Japanese keyboards, you can create a shortcut for word and input pairs. The shortcut is added to your personal dictionary. When you type a shortcut while using a supported keyboard, the paired word or input is substituted for the shortcut.

Turn shortcuts on or off. Go to Settings > General > Keyboard > Shortcuts. Shortcuts are available for:

- *Simplified Chinese:* Pinyin
- *Traditional Chinese:* Pinyin and Zhuyin
- *Japanese:* Romaji and 50 Key

Special input methods

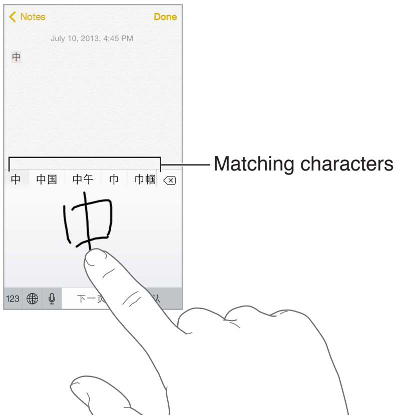
You can use keyboards to enter some languages in different ways. A few examples are Chinese Cangjie and Wubihua, Japanese Kana, and Facemarks. You can also use your finger or a stylus to write Chinese characters on the screen.

Build Chinese characters from the component Cangjie keys. As you type, suggested characters appear. Tap a character to choose it, or continue typing up to five components to see more options.

Build Chinese Wubihua (stroke) characters. Use the keypad to build Chinese characters using up to five strokes, in the correct writing sequence: horizontal, vertical, left falling, right falling, and hook. For example, the Chinese character 圈 (circle) should begin with the vertical stroke 丨.

- As you type, suggested Chinese characters appear (the most commonly used characters appear first). Tap a character to choose it.
- If you're not sure of the correct stroke, enter an asterisk (*). To see more character options, type another stroke, or scroll through the character list.
- Tap the match key (匹配) to show only characters that match exactly what you typed.

Write Chinese characters. Write Chinese characters directly on the screen with your finger when Simplified or Traditional Chinese handwriting input is turned on. As you write character strokes, iPod touch recognizes them and shows matching characters in a list, with the closest match first. When you choose a character, its likely follow-on characters appear in the list as additional choices.



You can type some complex characters, such as 鱲 (part of the name for the Hong Kong International Airport), by writing two or more component characters in sequence. Tap the character to replace the characters you typed. Roman characters are also recognized.

Type Japanese kana. Use the Kana keypad to select syllables. For more syllable options, tap the arrow key and select another syllable or word from the window.

Type Japanese romaji. Use the Romaji keyboard to type syllables. Alternative choices appear along the top of the keyboard, tap one to type it. For more syllable options, tap the arrow key and select another syllable or word from the window.

Type facemarks or emoticons. Use the Japanese Kana keyboard and tap the ^_^ key. Or you can:

- *Use the Japanese Romaji keyboard (QWERTY-Japanese layout):* Tap 123, then tap the ^_^ key.
- *Use the Chinese (Simplified or Traditional) Pinyin or (Traditional) Zhuyin keyboard:* Tap #+=, then tap the ^_^ key.

Safety, Handling, & Support

C Appendix

Important safety information

⚠ *WARNING:* Failure to follow these safety instructions could result in fire, electric shock, or other injuries, or damage to iPod touch or other property. Read all the safety information below before using iPod touch.

Handling Handle iPod touch with care. It is made of metal, glass, and plastic and has sensitive electronic components inside. iPod touch can be damaged if dropped, burned, punctured, or crushed, or if it comes in contact with liquid. Don't use a damaged iPod touch, such as one with a cracked screen, as it may cause injury. If you're concerned about scratching the surface of iPod touch, consider using a case or cover.

Repairing Don't open iPod touch and don't attempt to repair iPod touch by yourself. Disassembling iPod touch may damage it or may cause injury to you. If iPod touch is damaged, malfunctions, or comes in contact with liquid, contact Apple or an Apple Authorized Service Provider. You can find more information about getting service at www.apple.com/support/ipod/service/faq.

Battery Don't attempt to replace the iPod touch battery yourself—you may damage the battery, which could cause overheating and injury. The lithium-ion battery in iPod touch should be replaced only by Apple or an Apple Authorized Service Provider, and must be recycled or disposed of separately from household waste. Don't incinerate the battery. For information about battery recycling and replacement, see www.apple.com/batteries.

Distraction Using iPod touch in some circumstances may distract you and might cause a dangerous situation. Observe rules that prohibit or restrict the use of mobile devices or headphones (for example, avoid texting while driving a car or using headphones while riding a bicycle).

Navigation Maps, directions, Flyover, and location based apps depend on data services. These data services are subject to change and may not be available in all areas, resulting in maps, directions, Flyover, or location based information that may be unavailable, inaccurate or incomplete. Compare the information provided on iPod touch to your surroundings. Use common sense when navigating. Always observe current road conditions and posted signs to resolve any discrepancies. Some Maps features require Location Services. See Privacy on page 31.

Charging Charge iPod touch with the included cable and power adapter or other third-party "Made for iPod" cables and power adapters that are compatible with USB 2.0 or later. Using damaged cables or chargers, or charging when moisture is present, can cause electric shock. When you use the Apple USB Power Adapter to charge iPod touch, make sure that the AC plug or AC power cord is fully inserted into the adapter before you plug it into a power outlet. Power adapters may become warm during normal use, and prolonged contact may cause injury. Always allow adequate ventilation around power adapters when using them.

Hearing loss Listening to sound at high volumes may damage your hearing. Background noise, as well as continued exposure to high volume levels, can make sounds seem quieter than they actually are. Use only compatible receivers, earbuds, headphones, speakerphones, or earpieces with your device. Turn on the audio and check the volume before inserting anything in your ear. For more information about hearing loss, see www.apple.com/sound. For information about how to set a maximum volume limit on iPod touch, see Music settings on page 56.

WARNING: To prevent possible hearing damage, do not listen at high volume levels for long periods.

Apple headsets The headsets sold with iPhone 4S or later in China (identifiable by dark insulating rings on the plug) are designed to comply with Chinese standards and are compatible with iPhone 4S or later, iPad 2 or later, and iPod touch 5th generation. Use only compatible headsets with your device.

Radio signals iPod touch uses radio signals to connect to wireless networks. For information about the amount of power used to transmit these signals, and about steps you can take to minimize exposure, see Settings > General > About > Legal > RF Exposure.

Radio frequency interference Observe signs and notices that prohibit or restrict the use of electronic devices (for example, in healthcare facilities or blasting areas). Although iPod touch is designed, tested, and manufactured to comply with regulations governing radio frequency emissions, such emissions from iPod touch can negatively affect the operation of other electronic equipment, causing them to malfunction. Turn off iPod touch or use Airplane Mode to turn off the iPod touch wireless transmitters when use is prohibited, such as while traveling in aircraft, or when asked to do so by authorities.

Medical devices iPod touch contains radios that emit electromagnetic fields, and contains magnets near the bottom. The included headphones also have magnets in the earbuds. These electromagnetic fields and magnets may interfere with pacemakers, defibrillators, or other medical devices. Maintain at least 6 inches (approximately 15 cm) of separation between your pacemaker or defibrillator and iPod touch or the earbuds. If you suspect iPod touch is interfering with your pacemaker or any other medical device, stop using iPod touch and consult your physician for information specific to your medical device.

Medical conditions If you have any other medical condition that you believe could be affected by iPod touch (for example, seizures, blackouts, eyestrain, or headaches), consult with your physician prior to using iPod touch.

Explosive atmospheres Do not charge or use iPod touch in any area with a potentially explosive atmosphere, such as a fueling area, or in areas where the air contains chemicals or particles (such as grain, dust, or metal powders). Obey all signs and instructions.

Repetitive motion When you perform repetitive activities such as typing or playing games on iPod touch, you may experience occasional discomfort in your hands, arms, wrists, shoulders, neck, or other parts of your body. If you experience discomfort, stop using iPod touch and consult a physician.

High-consequence activities This device is not intended for use where the failure of the device could lead to death, personal injury, or severe environmental damage.

iPod touch loop (available on some models) To attach the loop securely, press the button on the back of iPod touch to pop it up, slip the loop tab over the button, then pull the loop to snap it into place. Certain activities when using the iPod touch loop may pose a risk of injury, especially if the loop becomes caught or trapped—for example, while working around machinery. Don't swing iPod touch while using the loop, as the loop might come off, causing injury or damage.

Choking hazard Some iPod touch accessories may present a choking hazard to small children. Keep these accessories away from small children.

Important handling information

Cleaning Clean iPod touch immediately if it comes in contact with anything that may cause stains—such as dirt, ink, makeup, or lotions. To clean:

- Disconnect all cables and turn iPod touch off (press and hold the Sleep/Wake button, then slide the onscreen slider).
- Use a soft, lint-free cloth.
- Avoid getting moisture in openings.
- Don't use cleaning products or compressed air.

The front of iPod touch is made of glass with a fingerprint-resistant oleophobic (oil repellant) coating. This coating wears over time with normal usage. Cleaning products and abrasive materials will further diminish the coating, and may scratch the glass.

Using connectors, ports, and buttons Never force a connector into a port or apply excessive pressure to a button, because this may cause damage that is not covered under the warranty. If the connector and port don't join with reasonable ease, they probably don't match. Check for obstructions and make sure that the connector matches the port and that you have positioned the connector correctly in relation to the port.

Lightning Discoloration of the Lightning plug after regular use is normal. Dirt, debris, and exposure to liquids may cause discoloration. To remove the discoloration or if the cable becomes warm during use or won't charge or sync your iPod touch, disconnect the Lightning cable from your computer or power adapter and clean it with a soft, dry, lint-free cloth. Do not use liquids or cleaning products when cleaning the Lightning connector.

Operating temperature iPod touch is designed to work in ambient temperatures between 32° and 95° F (0° and 35° C) and stored in temperatures between -4° and 113° F (-20° and 45° C). iPod touch can be damaged and battery life shortened if stored or operated outside of these temperature ranges. Avoid exposing iPod touch to dramatic changes in temperature or humidity. When you're using iPod touch or charging the battery, it is normal for iPod touch to get warm.

If the interior temperature of iPod touch exceeds normal operating temperatures (for example, in a hot car or in direct sunlight for extended periods of time), you may experience the following as it attempts to regulate its temperature:

- iPod touch stops charging.
- The screen dims.
- A temperature warning screen appears.
- Some apps may close.

Important: You may not be able to use iPod touch while the temperature warning screen is displayed. If iPod touch can't regulate its internal temperature, it goes into deep sleep mode until it cools. Move iPod touch to a cooler location out of direct sunlight and wait a few minutes before trying to use iPod touch again.

For more information, see support.apple.com/kb/HT2101.

iPod touch Support site

Comprehensive support information is available online at www.apple.com/support/ipodtouch. To contact Apple for personalized support (not available in all areas), see www.apple.com/support/contact.

Restart or reset iPod touch

If something isn't working right, try restarting iPod touch, forcing an app to quit, or resetting iPod touch.

Restart iPod touch. Hold down the Sleep/Wake button until the red slider appears. Slide your finger across the slider to turn off iPod touch. To turn iPod touch back on, hold down the Sleep/Wake button until the Apple logo appears.

Force an app to quit. From the Home screen, double-click the Home button and swipe upwards on the app screen.

If you can't turn off iPod touch or if the problem continues, you may need to reset iPod touch. Do this only if you're unable to restart your iPod touch.

Reset iPod touch. Hold down the Sleep/Wake button and the Home button at the same time for at least ten seconds, until the Apple logo appears.

You can reset the word dictionary, network settings, home screen layout, and location warnings. You can also erase all of your content and settings.

Reset iPod touch settings

Reset iPod touch settings. Go to Settings > General > Reset, then choose an option:

- *Reset All Settings:* All your preferences and settings are reset.
- *Erase All Content and Settings:* Your information, and settings are removed. iPod touch cannot be used until it's set up again.
- *Reset Network Settings:* When you reset network settings, previously used networks and VPN settings that weren't installed by a configuration profile are removed. (To remove VPN settings installed by a configuration profile, go to Settings > General > Profile, then select the profile and tap Remove. This also removes other settings or accounts provided by the profile.) Wi-Fi is turned off and then back on, disconnecting you from any network you're on. The Wi-Fi and "Ask to Join Networks" settings remain turned on.
- *Reset Keyboard Dictionary:* You add words to the keyboard dictionary by rejecting words iPod touch suggests as you type. Resetting the keyboard dictionary erases all words you've added.
- *Reset Home Screen Layout:* Returns the built-in apps to their original layout on the Home screen.
- *Reset Location & Privacy:* Resets the location services and privacy settings to their factory defaults.

Get information about your iPod touch

See information about iPod touch. Go to Settings > General > About. The items you can view include:

- Number of songs, videos, photos, and applications
- Capacity and available storage space
- iOS version
- Model number
- Serial number
- Wi-Fi and Bluetooth addresses
- Diagnostics & Usage and Legal (including legal notices, license, warranty, regulatory marks and RF exposure information)

To copy the serial number and other identifiers, touch and hold the identifier until Copy appears.

To help Apple improve products and services, iPod touch sends diagnostic and usage data. This data does not personally identify you, but may include location information.

View or turn off diagnostic information. Go to Settings > General > About > Diagnostics & Usage.

Usage information

View usage information. Go to Settings > General > Usage to:

- View each app's storage
- View and manage iCloud storage
- See the elapsed time since iPod touch has been charged

Disabled iPod touch

If iPod touch is disabled because you forgot your passcode or entered an incorrect passcode too many times, you can restore iPod touch from an iTunes or iCloud backup and reset the passcode. For more information, see Restore iPod touch on page 130.

If you get a message in iTunes that your iPod touch is locked and you must enter a passcode, see support.apple.com/kb/HT1212.

VPN settings

A VPN (virtual private network) provides secure access over the Internet to private networks, such as the network at your organization. You may need to install a VPN app from the App Store that configures your iPod touch to access a network. Contact your system administrator for information about the app and settings you need.

Profiles settings

Configuration profiles define settings for using iPod touch with corporate or school networks or accounts. You might be asked to install a configuration profile that was sent to you in an email, or one that is downloaded from a web page. iPod touch asks for your permission to install the profile, and displays information about what it contains, when you open the file. You can see the profiles you have installed in Settings > General > Profiles. If you delete a profile, all of the settings, apps, and data associated with the profile are also deleted.

Back up iPod touch

You can use iCloud or iTunes to automatically back up iPod touch (in iTunes, use File > Device > Back Up). If you choose to back up using iCloud, you can't also use iTunes to automatically back up to your computer, but you can use iTunes to manually back up to your computer. iCloud backs up iPod touch daily over Wi-Fi, when it's connected to a power source and is locked. The date and time of the last backup is listed at the bottom of the Storage & Backup screen.

iCloud backs up your:

- Purchased music, movies, TV shows, apps, and books
- Photos and videos in your Camera Roll
- iPod touch settings
- App data
- Home screen, folders, and app layout
- Messages
- Ringtones

Note: Purchased content is not backed up in all areas.

Turn on iCloud backups. Go to Settings > iCloud, then log in with your Apple ID and password, if required. Go to Storage & Backup, then turn on iCloud Backup. To turn on backups in iTunes, go to File > Device > Back Up.

Back up immediately. Go to Settings > iCloud > Storage & Backup, then tap Back Up Now.

Encrypt your backup. iCloud backups are encrypted automatically so that your data is protected from unauthorized access both while it's transmitted to your devices and when it's stored in iCloud. If you're using iTunes for your backup, select "Encrypt iPod backup" in the iTunes Summary pane.

Manage your backups. Go to Settings > iCloud > Storage & Backup, then tap Manage Storage. Tap the name of your iPod touch. You can manage which apps are backed up to iCloud, and remove existing backups. In iTunes, remove backups in iTunes Preferences.

View the devices being backed up. Go to Settings > iCloud > Storage & Backup > Manage Storage.

Stop iCloud backups. Go to Settings > iCloud > Storage & Backup, then turn off iCloud Backup.

Music not purchased in iTunes isn't backed up in iCloud. Use iTunes to back up and restore that content. See Sync with iTunes on page 16.

Important: Backups for music, movies, or TV show purchases are not available in all countries. Previous purchases may not be restored if they are no longer in the iTunes Store, App Store, or iBooks Store.

Purchased content and Photo Sharing content don't count against your 5 GB of free iCloud storage.

For more information about backing up iPod touch, see support.apple.com/kb/HT5262.

Update and restore iPod touch software

About update and restore

You can update iPod touch software in Settings, or by using iTunes. You can also erase or restore iPod touch, and then use iCloud or iTunes to restore from a backup.

Update iPod touch

You can update software in iPod touch Settings or by using iTunes.

Update wirelessly on iPod touch. Go to Settings > General > Software Update. iPod touch checks for available software updates.

Update software in iTunes. iTunes checks for available software updates each time you sync iPod touch using iTunes. See Sync with iTunes on page 16.

For more information about updating iPod touch software, see support.apple.com/kb/HT4623.

Restore iPod touch

You can use iCloud or iTunes to restore iPod touch from a backup.

Restore from an iCloud backup. Reset iPod touch to erase all settings and information, then sign in to iCloud and choose "Restore from a Backup" in the Setup Assistant. See Restart or reset iPod touch on page 127.

Restore from an iTunes backup. Connect iPod touch to the computer you normally sync with, select iPod touch in the iTunes window, then click Restore in the Summary pane.

When the iPod touch software is restored, you can either set it up as a new iPod touch, or restore your music, videos, app data, and other content from a backup.

For more information about restoring iPod touch software, see support.apple.com/kb/HT1414.

Sell or give away iPod touch?

Before you sell or give away your iPod touch, be sure to erase all content and your personal information. If you've enabled Find My iPod touch (see Find My iPod touch on page 32), Activation Lock is on. You need to turn off Activation Lock before the new owner can activate iPod touch under his or her own account.

Erase iPod touch and remove Activation Lock. Go to Settings > General > Reset > Erase All Content and Settings.

See support.apple.com/kb/HT5661.

Learn more, service, and support

Refer to the following resources to get more iPod touch-related safety, software, and service information.

To learn about	Do this
Using iPod touch safely	See Important safety information on page 124.
iPod touch service and support, tips, forums, and Apple software downloads	Go to www.apple.com/support/ipodtouch.
The latest information about iPod touch	Go to www.apple.com/ipodtouch.
Managing your Apple ID account	Go to appleid.apple.com.
Using iCloud	Go to help.apple.com/icloud.
Using iTunes	Open iTunes and choose Help > iTunes Help. For an online iTunes tutorial (may not be available in all areas), go to www.apple.com/support/itunes.
Using other Apple iOS apps	Go to www.apple.com/support/ios.
Obtaining warranty service	First follow the advice in this guide. Then go to www.apple.com/support/ipodtouch.
Viewing iPod touch regulatory information	On iPod touch, go to Settings > General > About > Legal > Regulatory.
Battery replacement service	Go to www.apple.com/batteries/replacements.html.

FCC compliance statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important: Changes or modifications to this product not authorized by Apple could void the electromagnetic compatibility (EMC) and wireless compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.

Canadian regulatory statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAN ICES-3 (B)/NMB-3(B)

Disposal and recycling information

Your iPod touch must be disposed of properly according to local laws and regulations. Because this product contains a battery, the product must be disposed of separately from household waste. When your iPod touch reaches its end of life, contact Apple or your local authorities to learn about recycling options.

Battery replacement: The lithium-ion battery in iPod touch should be replaced only by Apple or an Apple Authorized Service Provider, and must be recycled or disposed of separately from household waste. For more information about battery replacement services, go to www.apple.com/batteries.

For information about Apple's recycling program, go to www.apple.com/recycling.

Türkiye

Türkiye Cumhuriyeti: EEE Yönetmeliğine Uygundur.

台灣

廢電池請回收

European Union—Disposal information

The symbol above means that according to local laws and regulations your product and/or its battery shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product and/or its battery at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

Union Européenne—informations sur l'élimination: Le symbole ci-dessus signifie que, conformément aux lois et réglementations locales, vous devez jeter votre produit et/ou sa batterie séparément des ordures ménagères. Lorsque ce produit arrive en fin de vie, apportez-le à un point de collecte désigné par les autorités locales. La collecte séparée et le recyclage de votre produit et/ou de sa batterie lors de sa mise au rebut aideront à préserver les ressources naturelles et à s'assurer qu'il est recyclé de manière à protéger la santé humaine et l'environnement.

Europäische Union—Informationen zur Entsorgung: Das oben aufgeführte Symbol weist darauf hin, dass dieses Produkt und/oder die damit verwendete Batterie den geltenden gesetzlichen Vorschriften entsprechend und vom Hausmüll getrennt entsorgt werden muss. Geben Sie dieses Produkt zur Entsorgung bei einer offiziellen Sammelstelle ab. Durch getrenntes Sammeln und Recycling werden die Rohstoffreserven geschont und es ist sichergestellt, dass beim Recycling des Produkts und/oder der Batterie alle Bestimmungen zum Schutz von Gesundheit und Umwelt eingehalten werden.

Unione Europea—informazioni per lo smaltimento: Il simbolo qui sopra significa che, in base alle leggi e alle normative locali, il prodotto e/o la sua batteria dovrebbero essere riciclati separatamente dai rifiuti domestici. Quando il prodotto diventa inutilizzabile, portalo nel punto di raccolta stabilito dalle autorità locali. La raccolta separata e il riciclaggio del prodotto e/o della sua batteria al momento dello smaltimento aiutano a conservare le risorse naturali e assicurano che il riciclaggio avvenga nel rispetto della salute umana e dell'ambiente.

Europeiska unionen—information om kassering: Symbolen ovan betyder att produkten och/eller dess batteri enligt lokala lagar och bestämmelser inte får kastas tillsammans med hushållsavfallet. När produkten har tjänat ut måste den tas till en återvinningsstation som utsetts av lokala myndigheter. Genom att låta den uttjänta produkten och/eller dess batteri tas om hand för återvinning hjälper du till att spara naturresurser och skydda hälsa och miljö.

Brasil—Informações sobre descarte e reciclagem

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Apple and the environment

At Apple, we recognize our responsibility to minimize the environmental impacts of our operations and products. For more information, go to www.apple.com/environment.

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019-2563/2013-09